API Well Number: 43013515010000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER Slim Jim 4-27-3-2WH	
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** WILDCAT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-5964	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ● STATE ○ FEE ○
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ● STATE ○ FEE ○	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ●
19. SLANT VERTICAL ● DIRECTIONAL ○ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	467 FNL 1281 FWL	NWNW	27	3.0 S	2.0 W	U
Top of Uppermost Producing Zone	660 FNL 660 FWL	NWNW	27	3.0 S	2.0 W	U
At Total Depth	660 FSL 660 FWL	SWSW	27	3.0 S	2.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 467	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2534	**26. PROPOSED DEPTH** MD: 12335 TVD: 8110
27. ELEVATION - GROUND LEVEL 5120	**28. BOND NUMBER** RLB00100473	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
Surf	12.25	9.625	0 - 2500	36.0	J-55 ST&C	8.3	Premium Lite High Strength	204	3.53	11.0
							Class G	154	1.17	15.8
I1	8.75	7	0 - 8578	26.0	P-110 Other	11.5	Premium Lite High Strength	240	3.53	11.0
							50/50 Poz	372	1.24	14.3
L1	6.125	4.5	7689 - 12335	13.5	P-110 Other	11.5	No Used	0	0.0	0.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 06/26/2012	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED
43013515010000

APPROVAL

Permit Manager

RECEIVED: June 27, 2012

Newfield Production Company
Slim Jim 4-27-3-2WH
Surface Hole Location: 467' FNL, 1281' FWL, Section 27, T3S, R2W
Bottom Hole Location: 660' FSL,660' FWL, Section 27, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,188'
Garden Gulch member	5,909'
Wasatch	8,342'
Pilot Hole TD	8,542'
Lateral TD	8,110' TVD / 12,335' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	498'	(water)
Green River	5,909' - 8,110'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section — BOP Description

Surface — 12-1/4" diverter

Interm/Prod — The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520	2,020	394,000
									2.12	2.54	4.38
Intermediate 7	0'	8,259' 8,578'	26	P-110	BTC	11	11.5	15	9,960	6,210	853,000
									2.55	1.51	3.82
Production 4 1/2	7,689'	8,110' 12,335'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
									3.24	2.64	6.73

RECEIVED: June 26, 2012

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	220 / 204	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Pilot Hole Plug Back	8 3/4	803'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	386 / 311	15%	14.3	1.24
Intermediate Lead	8 3/4	4,909'	Premium Lite II w/ 3% KCl + 10% bentonite	849 / 240	15%	11.0	3.53
Intermediate Tail	8 3/4	2,669'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	461 / 372	15%	14.3	1.24
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval **Description**

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

RECEIVED: June 26, 2012

2,500'	- TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

8,110' x 0.57 psi/ft = 4639 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone.
The pilot hole will be logged, and then plugged back in prepartion for horizontal operations.
Directional tools will then be used to build to 92.26 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

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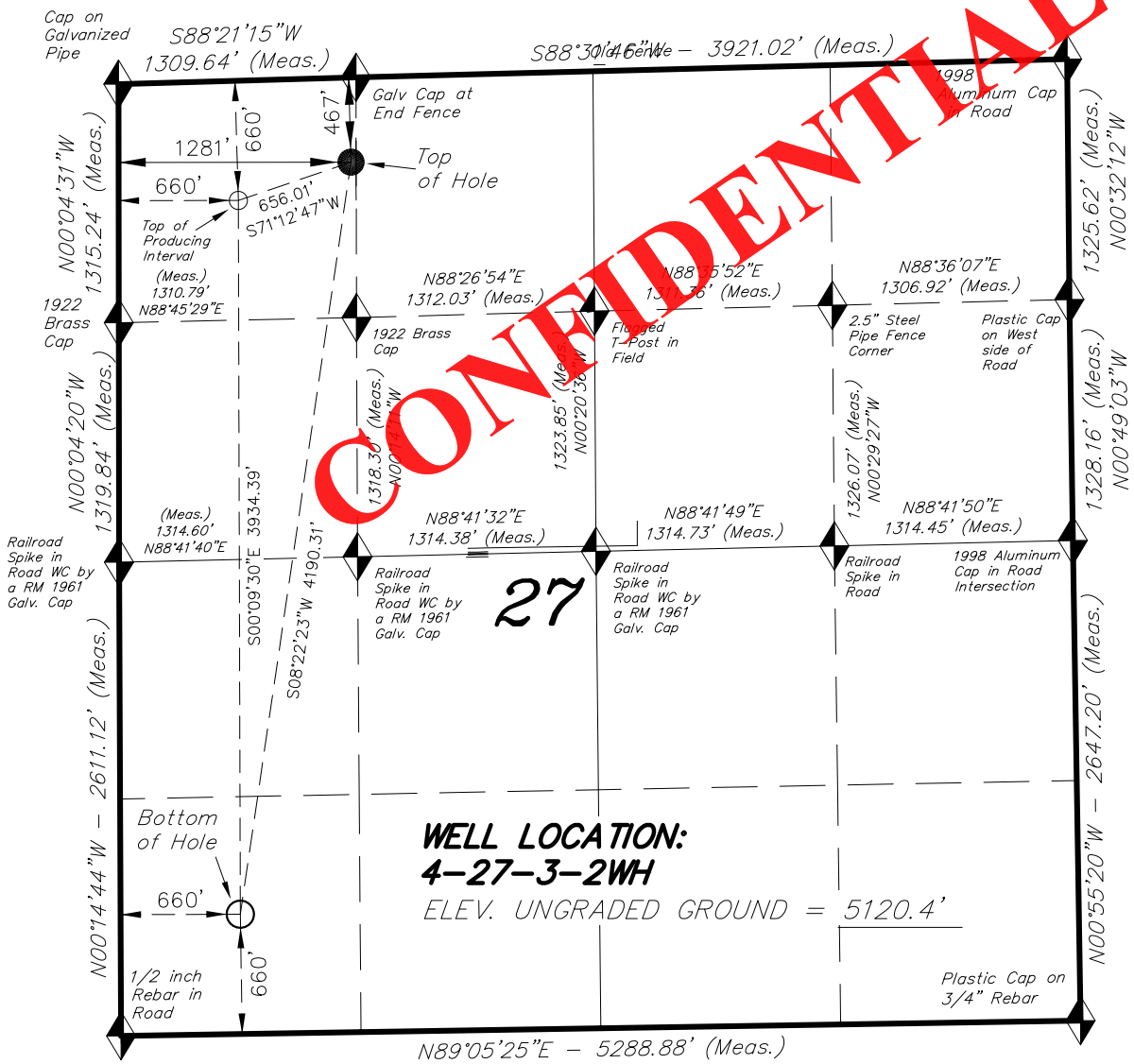
API Well Number: 43013515010000

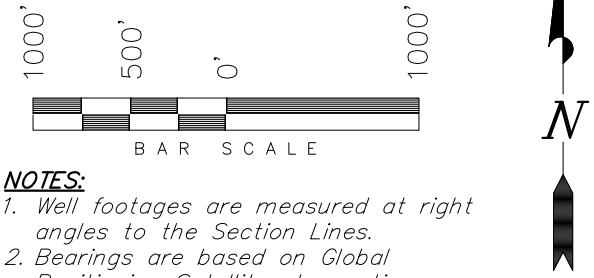
T3S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 4-27-3-2WH, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, 4-27-3-2WH, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.





NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 01-10-12 STACY W. STEWART

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

4-27-3-2WH (Surface Location) NAD 83
LATITUDE = 40° 11' 56.63"
LONGITUDE = 110° 06' 00.31"

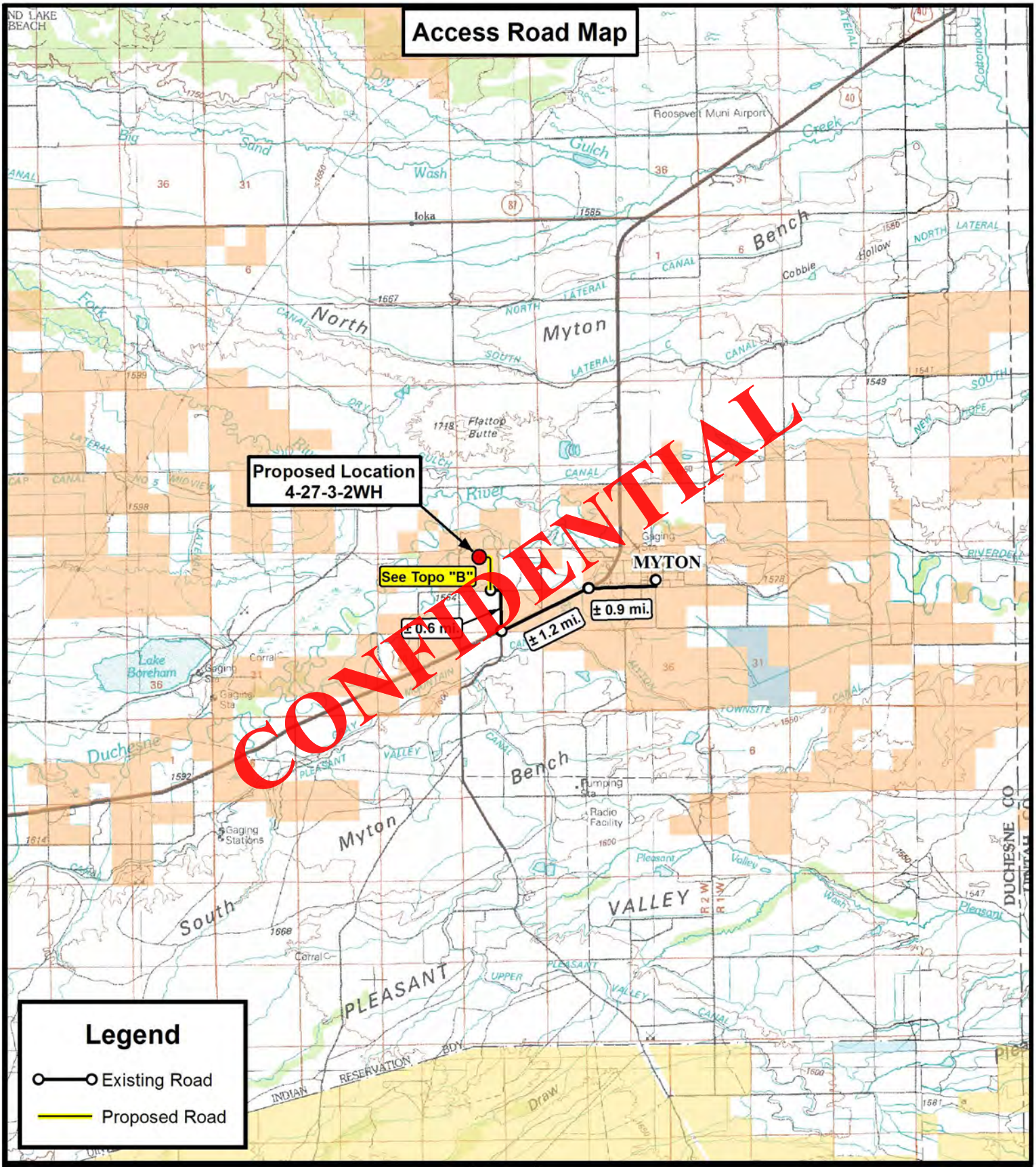
WELL LOCATION: 4-27-3-2WH
ELEV. UNGRADED GROUND = 5120.4'

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-17-11	SURVEYED BY: P.H.	VERSION:
DATE DRAWN: 11-18-11	DRAWN BY: F.T.M.	V2
REVISED: 01-10-12 F.T.M.	SCALE: 1" = 1000'	

RECEIVED: June 26, 2012

API Well Number: 43013515010000



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

4-27-3-2WH
SEC. 27, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

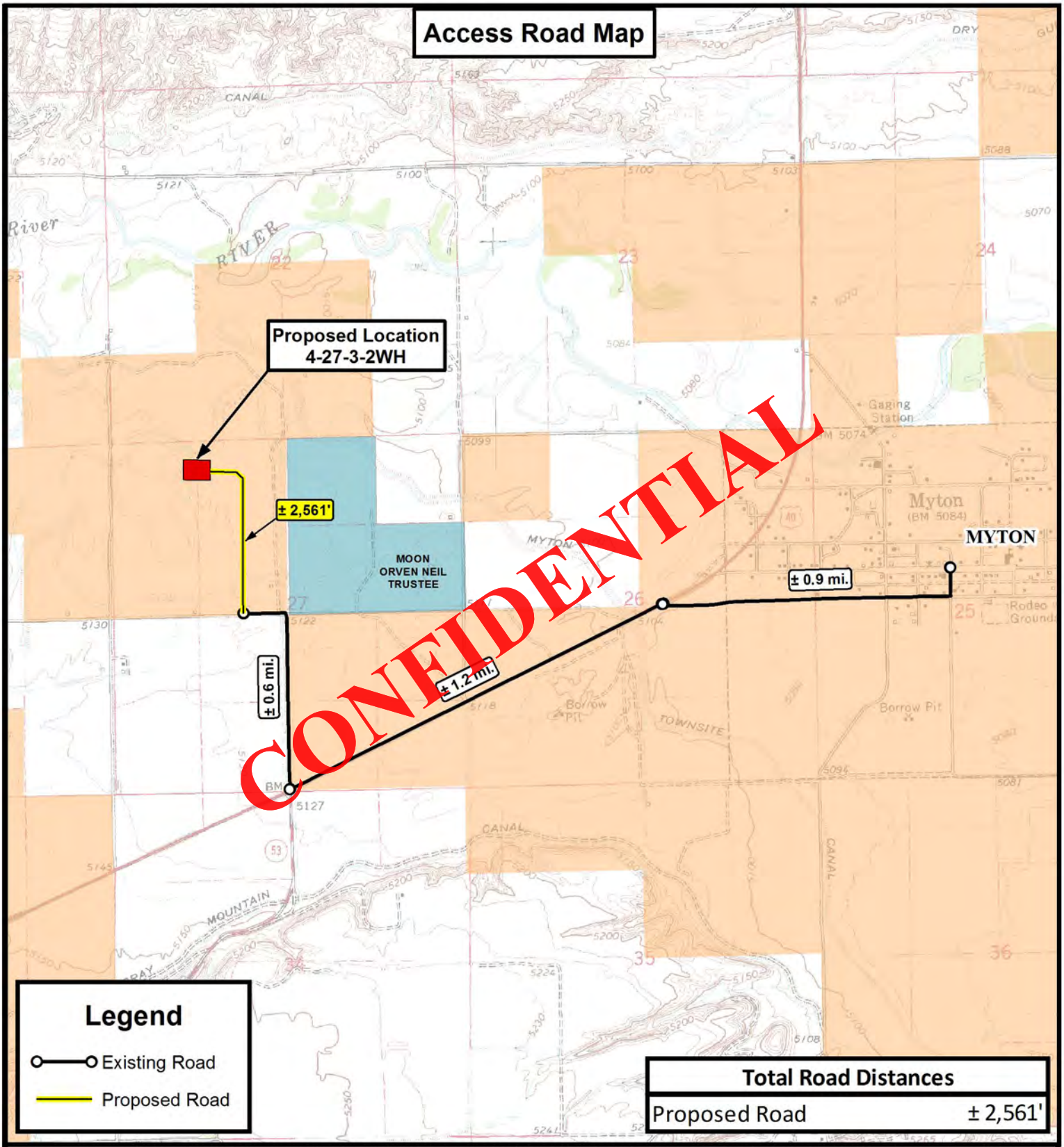
DRAWN BY:	D.C.R.	REVISED: 01-10-12 A.P.C.	VERSION:
DATE:	11-18-2011		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013515010000

Access Road Map



Legend

- Existing Road
- Proposed Road

Total Road Distances	
Proposed Road	± 2,561'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

4-27-3-2WH
SEC. 27, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

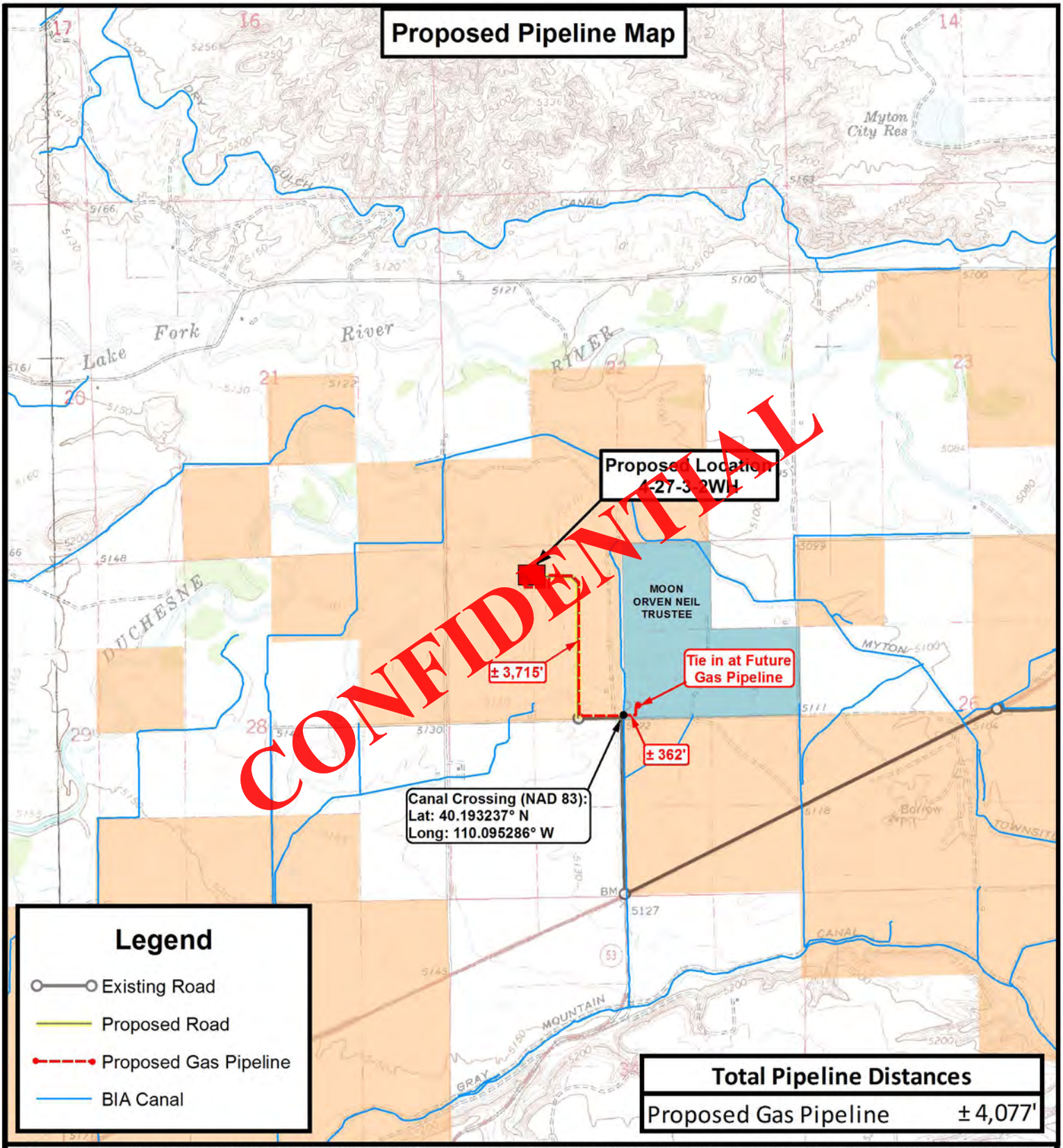
DRAWN BY:	D.C.R.	REVISED: 01-10-12 A.P.C.	VERSION:
DATE:	11-18-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013515010000

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Road
- Proposed Gas Pipeline
- BIA Canal

Total Pipeline Distances	
Proposed Gas Pipeline	± 4,077'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

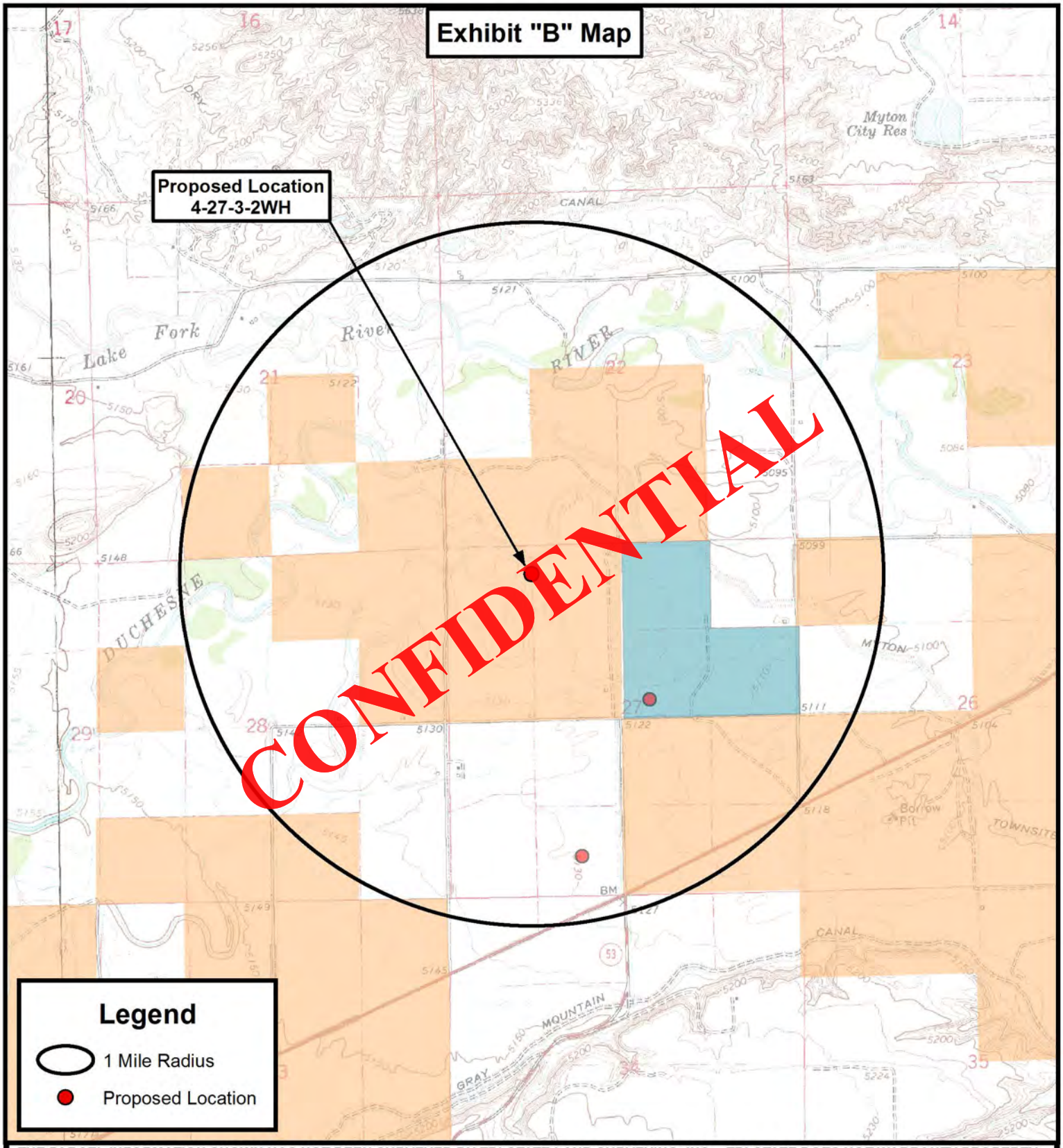
4-27-3-2WH
SEC. 27, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 01-10-12 A.P.C.	VERSION:
DATE:	11-18-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013515010000



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

4-27-3-2WH
SEC. 27, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 01-10-12 A.P.C.	VERSION:
DATE:	11-18-2011		V2
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

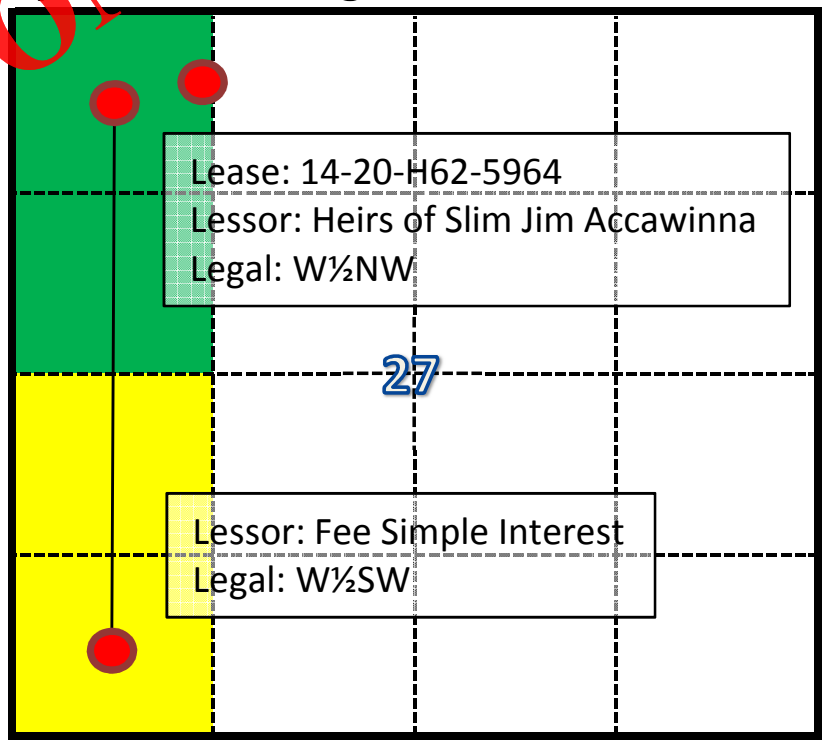
Slim Jim 4-27-3-2WH

SHL 467' FNL & 1281' FWL

Top of Producing Interval 660' FNL & 660' FWL

BHL 660' FSL & 660' FWL

Township 3 South, Range 2 West, Section 27: W½W½



RECEIVED: June 26, 2012

API Well Number: 43013515010000

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

SLIM JIM 4-27-3-2WH

Plan: Design #1

Standard Survey Report

22 MAY, 2012

Weatherford®

RECEIVED: June 26, 2012

NEWFIELD

Project:	DUCHESNE COUNTY, UT
Site:	SLIM JIM 4-27-3-2WH
Well:	SLIM JIM 4-27-3-2WH
Wellbore:	SLIM JIM 4-27-3-2WH
Design:	Design #1
Latitude:	40° 11' 56.630 N
Longitude:	110° 6' 0.310 W
GL:	5120.40
KB:	WELL @ 5138.40ft (PIONEER 62)

Weatherford®

API well Number: 43013515010000

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL Slim Jim 4-27-3-2WH	8110.00	-4145.29	-609.85	40° 11' 15.663 N	110° 6' 8.169 W	Point

WELL DETAILS: SLIM JIM 4-27-3-3

Ground Level: 5120.40

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7244294.61	2031431.84	40° 11' 56.630 N	110° 6' 0.310 W	

SECTION DETAILS

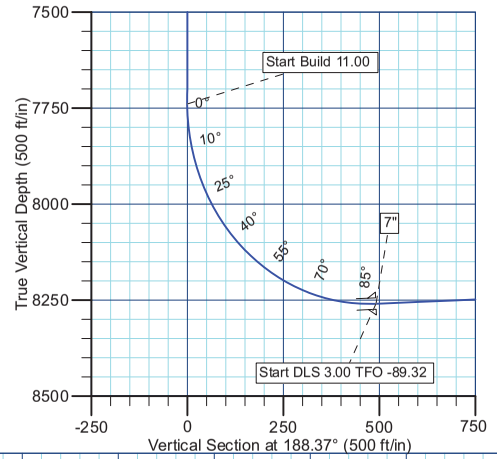
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7739.00	0.00	0.00	7739.00	0.00	0.00	0.00	0.00	0.00	Start Build 11.00
8577.70	92.26	213.28	8259.47	-452.59	-297.07	11.00	213.28	491.01	Start DLS 3.00 TFO -89.32
9686.09	92.26	180.00	8214.51	-1498.84	-609.78	3.00	-89.32	1571.63	Start 2648.51 hold at 9686.09 MD
12334.60	92.26	180.00	8110.00	-4145.29	-609.85	0.00	0.00	4189.91	TD at 12334.60

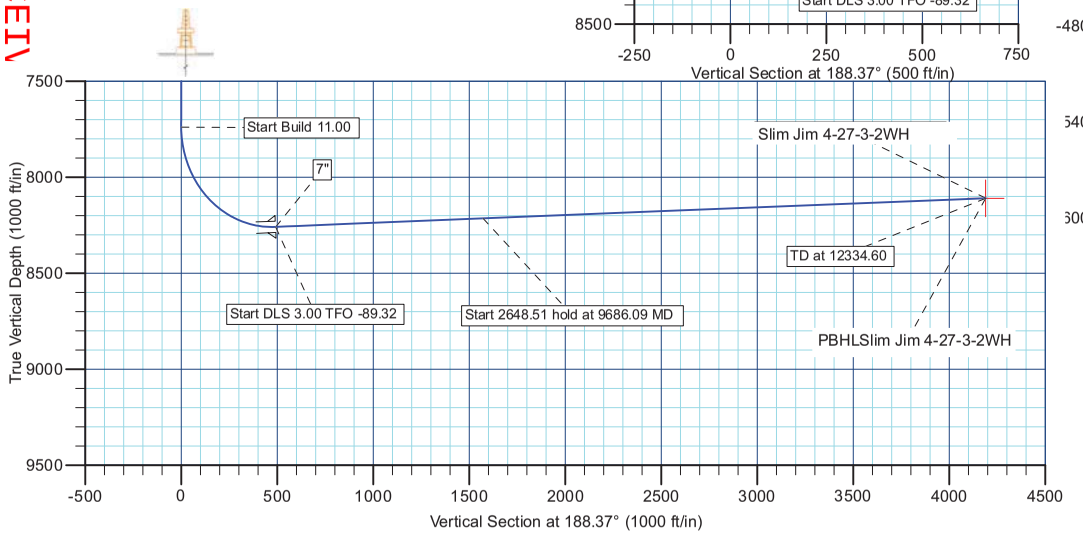
Azimuths to True North
Magnetic North: 11.27°

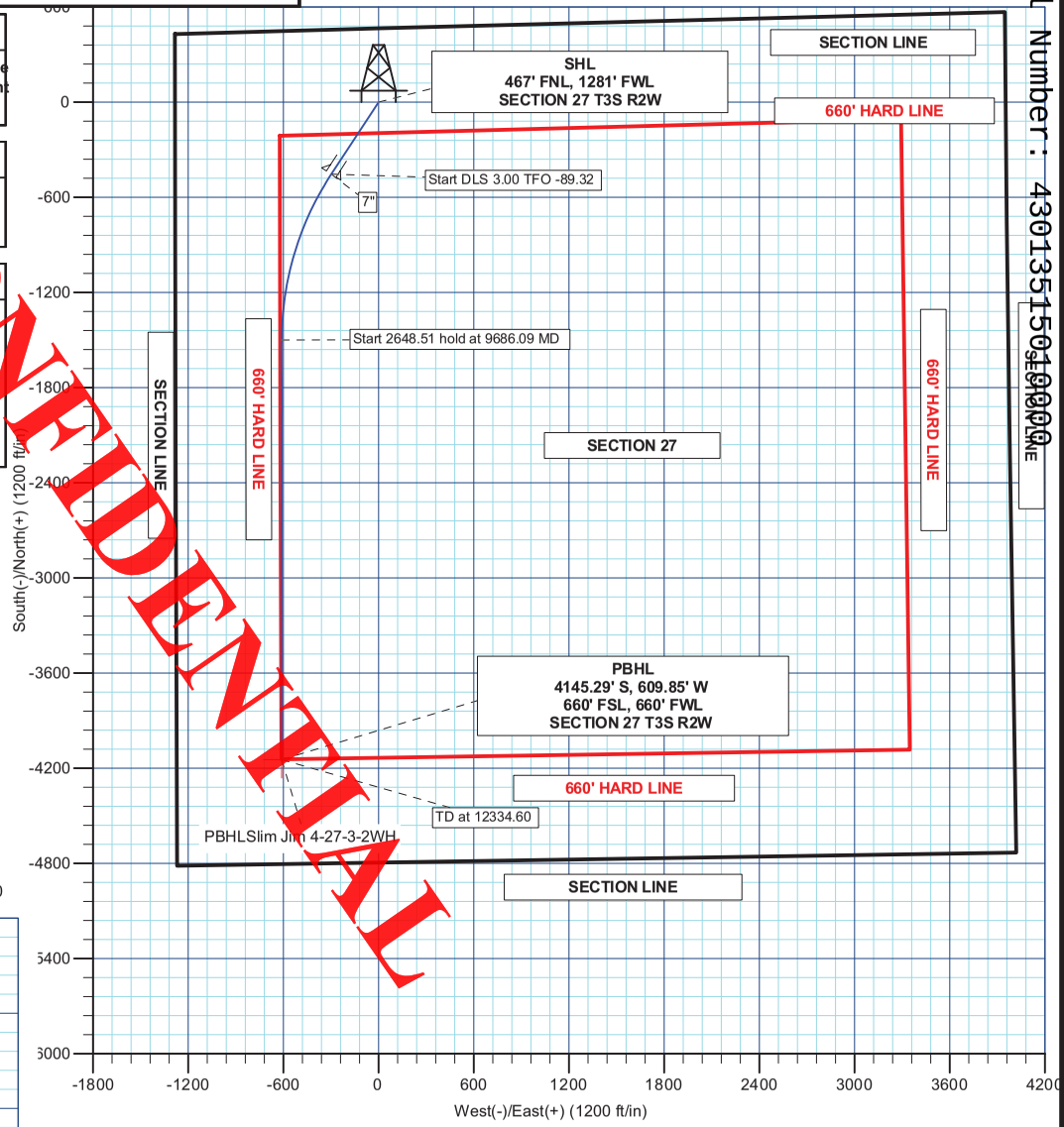
Magnetic Field
Strength: 52202.9snT
Dip Angle: 65.87°
Date: 5/22/2012
Model: BGGM2011

CASING DETAILS

TVD	MD	Name	Size
8259.47	8577.70	7"	7







Plan:	Design #1 (SLIM JIM 4-27-3-3/SLIM JIM 4-27-3-3)
Created By:	TRACY WILLIAMS
Date:	13:26, May 22 2012

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT
SLIM JIM 4-27-3-2WH
SLIM JIM 4-27-3-2WH

SLIM JIM 4-27-3-2WH

Plan: Design #1

Standard Planning Report

22 May, 2012

RECEIVED: June 26, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Slim Jim 4-27-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Site:	Slim Jim 4-27-3-2WH	**North Reference:**	True
Well:	Slim Jim 4-27-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Slim Jim 4-27-3-2WH		
Design:	Design #1		

Project DUCHESNE COUNTY, UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site Slim Jim 4-27-3-2WH

Site Position:		**Northing:**	7,244,294.61 ft	**Latitude:**	40° 11' 56.630 N
From:	Lat/Long	**Easting:**	2,031,431.84 ft	**Longitude:**	110° 6' 0.310 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	"	**Grid Convergence:**	0.90 °

Well Slim Jim 4-27-3-2WH

Well Position	**+N/-S**	0.00 ft	**Northing:**	7,244,294.61 ft	**Latitude:**	40° 11' 56.630 N
	+E/-W	0.00 ft	**Easting:**	2,031,431.84 ft	**Longitude:**	110° 6' 0.310 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,120.40 ft

Wellbore Slim Jim 4-27-3-2WH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	5/22/2012	11.27	65.87	52,203

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	188.37

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,739.00	0.00	0.00	7,739.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,577.70	92.26	213.28	8,259.47	-452.59	-297.07	11.00	11.00	0.00	213.28	
9,686.09	92.26	180.00	8,214.51	-1,498.84	-609.78	3.00	0.00	-3.00	-89.32	
12,334.60	92.26	180.00	8,110.00	-4,145.29	-609.85	0.00	0.00	0.00	0.00	PBHL SLIM JIM 4-2

RECEIVED: June 26, 2012

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Slim Jim 4-27-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Site:	Slim Jim 4-27-3-2WH	**North Reference:**	True
Well:	Slim Jim 4-27-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Slim Jim 4-27-3-2WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Slim Jim 4-27-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Site:	Slim Jim 4-27-3-2WH	**North Reference:**	True
Well:	Slim Jim 4-27-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Slim Jim 4-27-3-2WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 11.00									
7,739.00	0.00	0.00	7,739.00	0.00	0.00	0.00	0.00	0.00	0.00
7,750.00	1.21	213.28	7,750.00	-0.10	-0.06	0.11	11.00	11.00	0.00
7,800.00	6.71	213.28	7,799.86	-2.98	-1.96	3.24	11.00	11.00	0.00
7,850.00	12.21	213.28	7,849.16	-9.85	-6.47	10.69	11.00	11.00	0.00
7,900.00	17.71	213.28	7,897.45	-20.64	-13.55	22.39	11.00	11.00	0.00
7,950.00	23.21	213.28	7,944.28	-35.24	-23.13	38.23	11.00	11.00	0.00
8,000.00	28.71	213.28	7,989.21	-53.53	-35.14	58.08	11.00	11.00	0.00
8,050.00	34.21	213.28	8,031.85	-75.34	-49.45	81.73	11.00	11.00	0.00
8,100.00	39.71	213.28	8,071.79	-100.46	-65.94	108.99	11.00	11.00	0.00
8,150.00	45.21	213.28	8,108.66	-128.67	-84.46	139.59	11.00	11.00	0.00
8,200.00	50.71	213.28	8,142.13	-159.70	-104.82	173.26	11.00	11.00	0.00
8,250.00	56.21	213.28	8,171.89	-193.27	-126.86	209.68	11.00	11.00	0.00
8,300.00	61.71	213.28	8,197.66	-229.07	-150.36	248.52	11.00	11.00	0.00
8,350.00	67.21	213.28	8,219.21	-266.77	-175.10	289.42	11.00	11.00	0.00
8,400.00	72.71	213.28	8,236.33	-306.03	-200.87	332.00	11.00	11.00	0.00
8,450.00	78.21	213.28	8,248.88	-346.47	-227.42	375.88	11.00	11.00	0.00
8,500.00	83.71	213.28	8,256.74	-387.74	-254.50	420.65	11.00	11.00	0.00
8,550.00	89.21	213.28	8,259.82	-429.44	-281.88	465.89	11.00	11.00	0.00
Start DLS 3.00 TFO -89.32 - 7"									
8,577.70	92.26	213.28	8,259.47	-452.60	-297.07	491.01	11.00	11.00	0.00
8,600.00	92.26	212.61	8,258.59	-471.29	-309.19	511.27	3.00	0.04	-3.00
8,700.00	92.30	209.61	8,254.61	-556.84	-360.81	603.42	3.00	0.03	-3.00
8,800.00	92.32	206.61	8,250.58	-644.96	-407.88	697.45	3.00	0.02	-3.00
8,900.00	92.34	203.60	8,246.52	-735.43	-450.27	793.13	3.00	0.02	-3.00
9,000.00	92.35	200.60	8,242.42	-827.99	-487.86	890.18	3.00	0.01	-3.00
9,100.00	92.36	197.60	8,238.31	-922.40	-520.55	988.33	3.00	0.01	-3.00
9,200.00	92.36	194.60	8,234.20	-1,018.38	-548.25	1,087.33	3.00	0.00	-3.00
9,300.00	92.35	191.59	8,230.10	-1,115.69	-570.88	1,186.89	3.00	-0.01	-3.00

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Slim Jim 4-27-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Site:	Slim Jim 4-27-3-2WH	**North Reference:**	True
Well:	Slim Jim 4-27-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Slim Jim 4-27-3-2WH		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,400.00	92.34	188.59	8,226.01	-1,214.05	-588.39	1,286.75	3.00	-0.01	-3.00
9,500.00	92.32	185.59	8,221.95	-1,313.19	-600.72	1,386.63	3.00	-0.02	-3.00
9,600.00	92.29	182.59	8,217.93	-1,412.85	-607.84	1,486.26	3.00	-0.03	-3.00
Start 2648.51 hold at 9686.09 MD									
9,686.09	92.26	180.00	8,214.51	-1,498.84	-609.78	1,571.63	3.00	-0.03	-3.00
9,700.00	92.26	180.00	8,213.96	-1,512.74	-609.78	1,585.38	0.00	0.00	0.00
9,800.00	92.26	180.00	8,210.02	-1,612.66	-609.79	1,684.23	0.00	0.00	0.00
9,900.00	92.26	180.00	8,206.07	-1,712.58	-609.79	1,783.09	0.00	0.00	0.00
10,000.00	92.26	180.00	8,202.12	-1,812.50	-609.79	1,881.95	0.00	0.00	0.00
10,100.00	92.26	180.00	8,198.18	-1,912.43	-609.79	1,980.81	0.00	0.00	0.00
10,200.00	92.26	180.00	8,194.23	-2,012.35	-609.80	2,079.67	0.00	0.00	0.00
10,300.00	92.26	180.00	8,190.29	-2,112.27	-609.80	2,178.53	0.00	0.00	0.00
10,400.00	92.26	180.00	8,186.34	-2,212.19	-609.80	2,277.39	0.00	0.00	0.00
10,500.00	92.26	180.00	8,182.39	-2,312.11	-609.80	2,376.24	0.00	0.00	0.00
10,600.00	92.26	180.00	8,178.45	-2,412.04	-609.81	2,475.10	0.00	0.00	0.00
10,700.00	92.26	180.00	8,174.50	-2,511.96	-609.81	2,573.96	0.00	0.00	0.00
10,800.00	92.26	180.00	8,170.56	-2,611.88	-609.81	2,672.82	0.00	0.00	0.00
10,900.00	92.26	180.00	8,166.61	-2,711.80	-609.81	2,771.68	0.00	0.00	0.00
11,000.00	92.26	180.00	8,162.66	-2,811.72	-609.82	2,870.54	0.00	0.00	0.00
11,100.00	92.26	180.00	8,158.72	-2,911.65	-609.82	2,969.40	0.00	0.00	0.00
11,200.00	92.26	180.00	8,154.77	-3,011.57	-609.82	3,068.26	0.00	0.00	0.00
11,300.00	92.26	180.00	8,150.83	-3,111.49	-609.82	3,167.11	0.00	0.00	0.00
11,400.00	92.26	180.00	8,146.88	-3,211.41	-609.83	3,265.97	0.00	0.00	0.00
11,500.00	92.26	180.00	8,142.93	-3,311.34	-609.83	3,364.83	0.00	0.00	0.00
11,600.00	92.26	180.00	8,138.99	-3,411.26	-609.83	3,463.69	0.00	0.00	0.00
11,700.00	92.26	180.00	8,135.04	-3,511.18	-609.84	3,562.55	0.00	0.00	0.00
11,800.00	92.26	180.00	8,131.10	-3,611.10	-609.84	3,661.41	0.00	0.00	0.00
11,900.00	92.26	180.00	8,127.15	-3,711.02	-609.84	3,760.27	0.00	0.00	0.00
12,000.00	92.26	180.00	8,123.20	-3,810.95	-609.84	3,859.12	0.00	0.00	0.00
12,100.00	92.26	180.00	8,119.26	-3,910.87	-609.85	3,957.98	0.00	0.00	0.00
12,200.00	92.26	180.00	8,115.31	-4,010.79	-609.85	4,056.84	0.00	0.00	0.00
12,300.00	92.26	180.00	8,111.37	-4,110.71	-609.85	4,155.70	0.00	0.00	0.00
PBHL : Slim Jim 4-27-3-2WH									
12,334.60	92.26	180.00	8,110.00	-4,145.29	-609.85	4,189.91	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL SLIM JIM 4-27- - plan hits target center - Point	0.00	0.00	8,110.00	-4,145.29	-609.85	7,240,140.29	2,030,886.94	40° 11' 15.663 N	110° 6' 8.169 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
8,577.70	8,259.47	7"	7	8-3/4

NEWFIELD

Weatherford International Ltd.

Planning Report

Weatherford

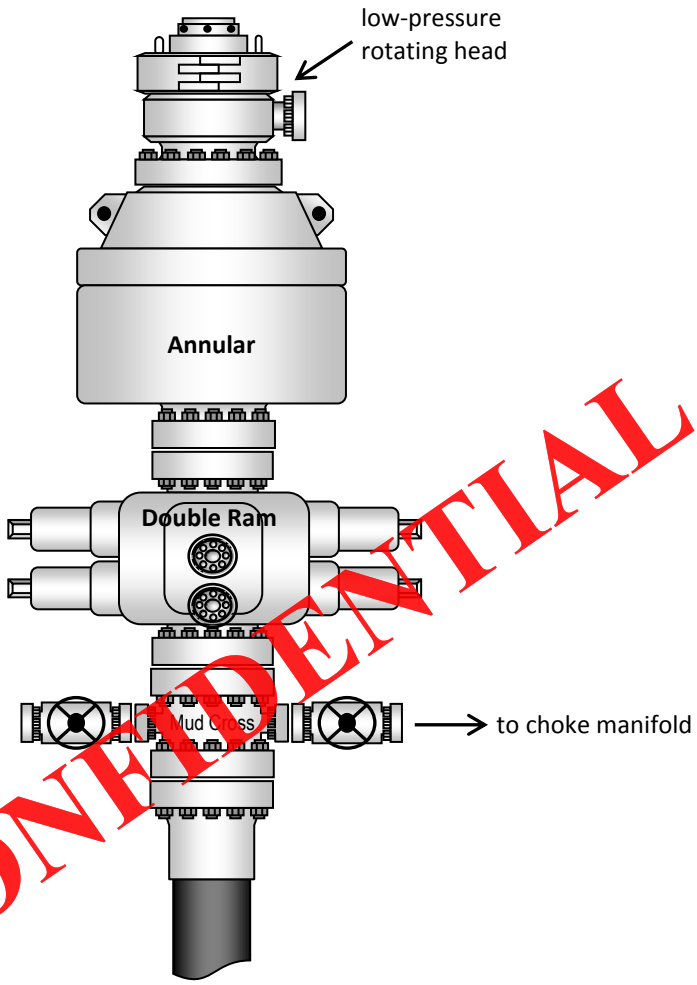
Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Slim Jim 4-27-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	WELL @ 5138.40ft (PIONEER 62)
Site:	Slim Jim 4-27-3-2WH	**North Reference:**	True
Well:	Slim Jim 4-27-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Slim Jim 4-27-3-2WH		
Design:	Design #1		

Plan Annotations

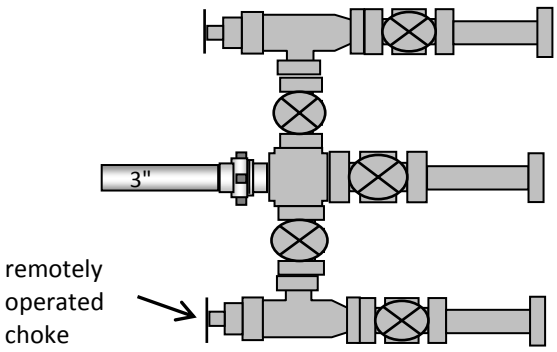
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
7,739.00	7,739.00	0.00	0.00	Start Build 11.00
8,577.70	8,259.47	-452.59	-297.07	Start DLS 3.00 TFO -89.32
9,686.09	8,214.51	-1,498.84	-609.78	Start 2648.51 hold at 9686.09 MD
12,334.60	8,110.00	-4,145.29	-609.85	TD at 12334.60

RECEIVED: June 26, 2012

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: June 26, 2012

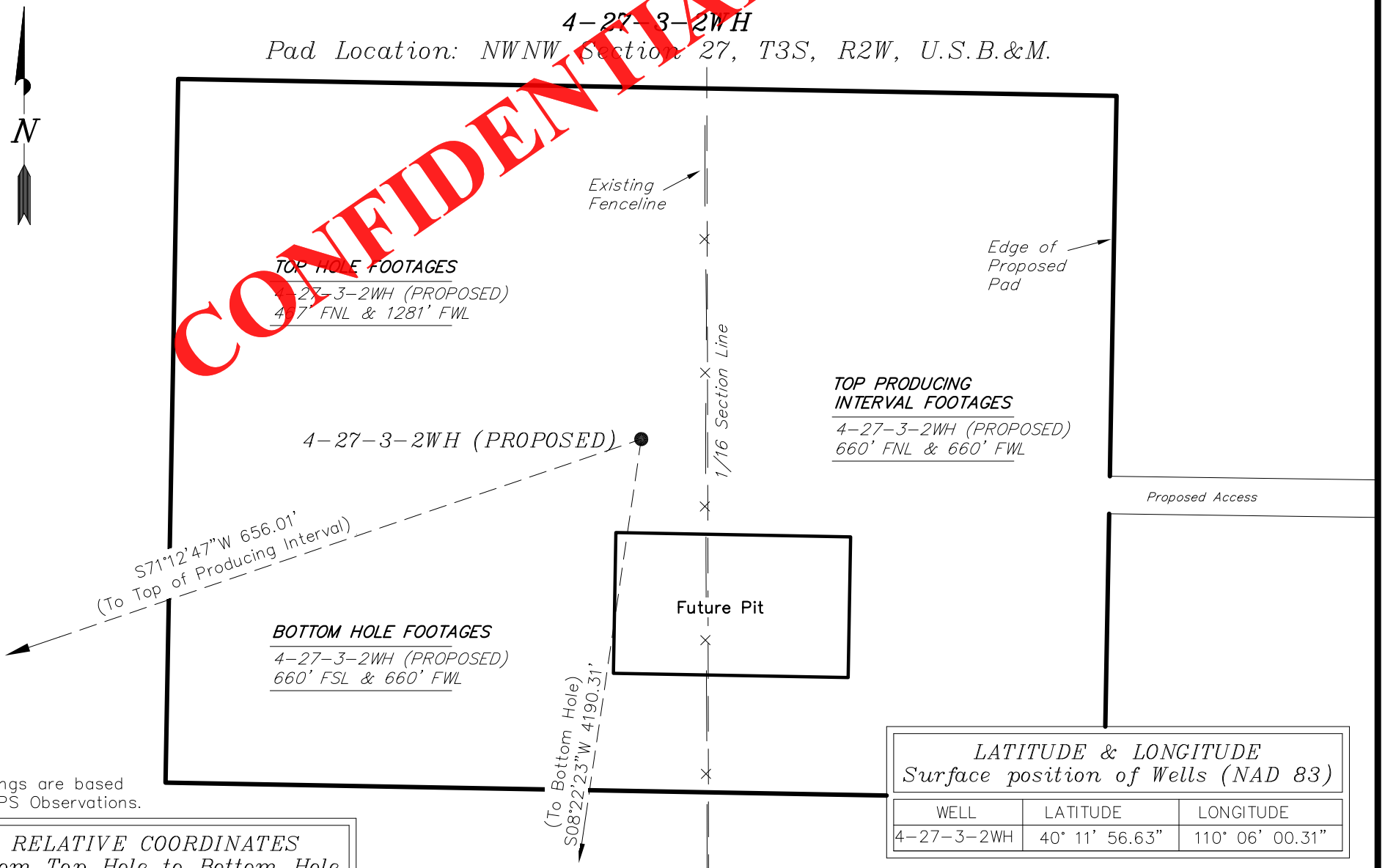
API Well Number: 43013515010000

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

4-27-3-2WH

Pad Location: NWNW Section 27, T3S, R2W, U.S.B.&M.



Note:
Bearings are based on GPS Observations.

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
4-27-3-2WH	-4,146'	-610'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
4-27-3-2WH	40° 11' 56.63"	110° 06' 00.31"

SURVEYED BY: P.H.	DATE SURVEYED: 11-17-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-18-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-10-12		

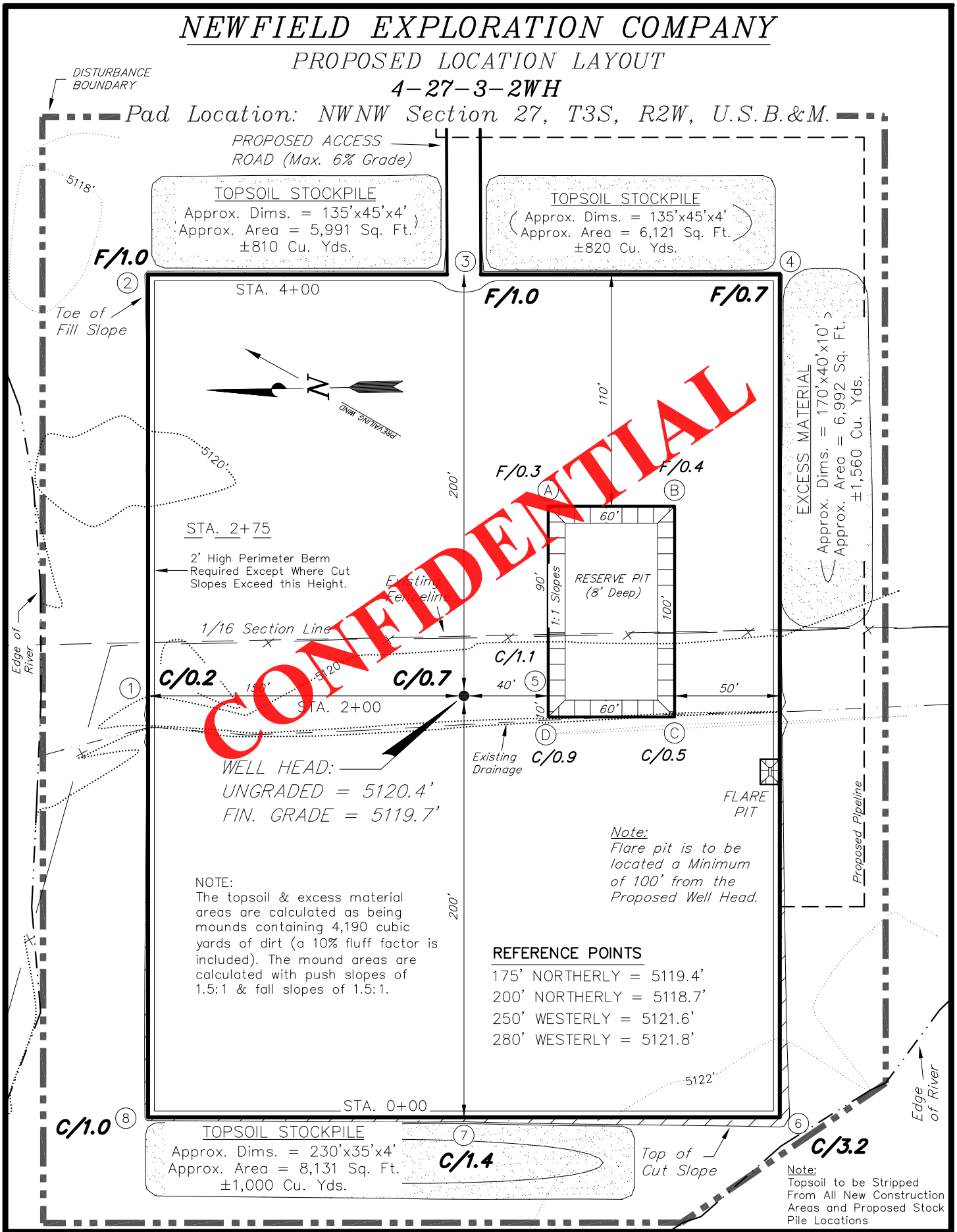
RECEIVED: June 26, 2012

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

4-27-3-2WH

Pad Location: NWNW Section 27, T3S, R2W, U.S.B.&M.



SURVEYED BY: P.H.	DATE SURVEYED: 11-17-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-18-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-10-12		

RECEIVED: June 26, 2012

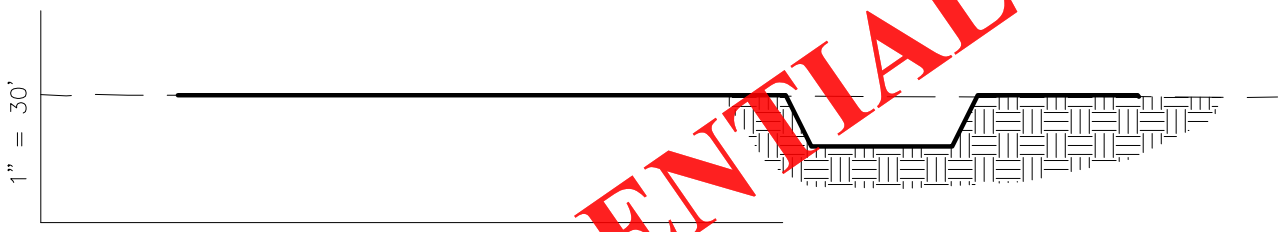
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

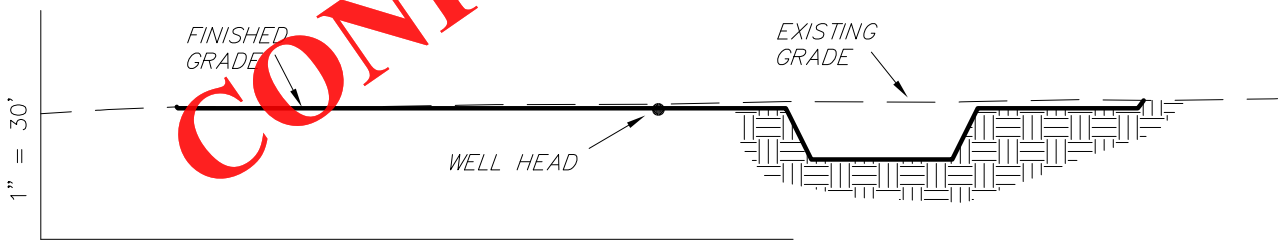
4-27-3-2WH

Pad Location: NWNW Section 27, T3S, R2W, U.S.B.&M.

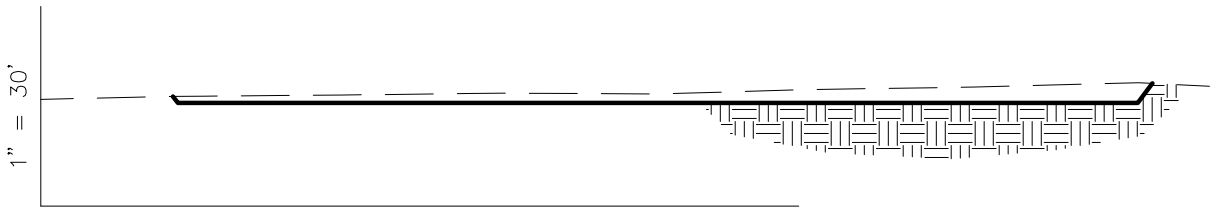
STA. 4+00



STA. 2+75



STA. 2+00



STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,500	1,500	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	2,920	1,500	2,390	1,420

SURVEYED BY: P.H.	DATE SURVEYED: 11-17-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-18-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-10-12		

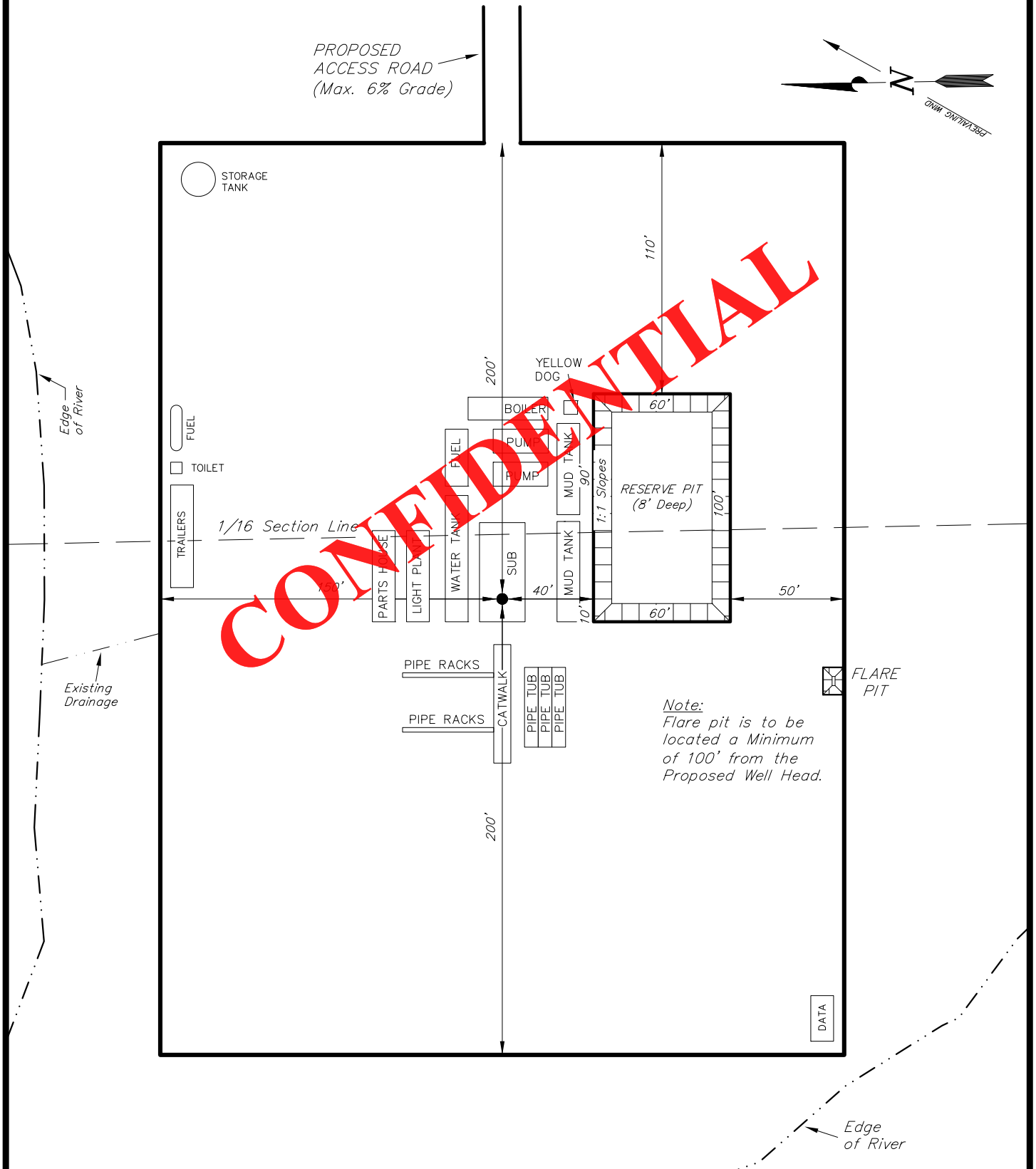
RECEIVED: June 26, 2012

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

4-27-3-2WH

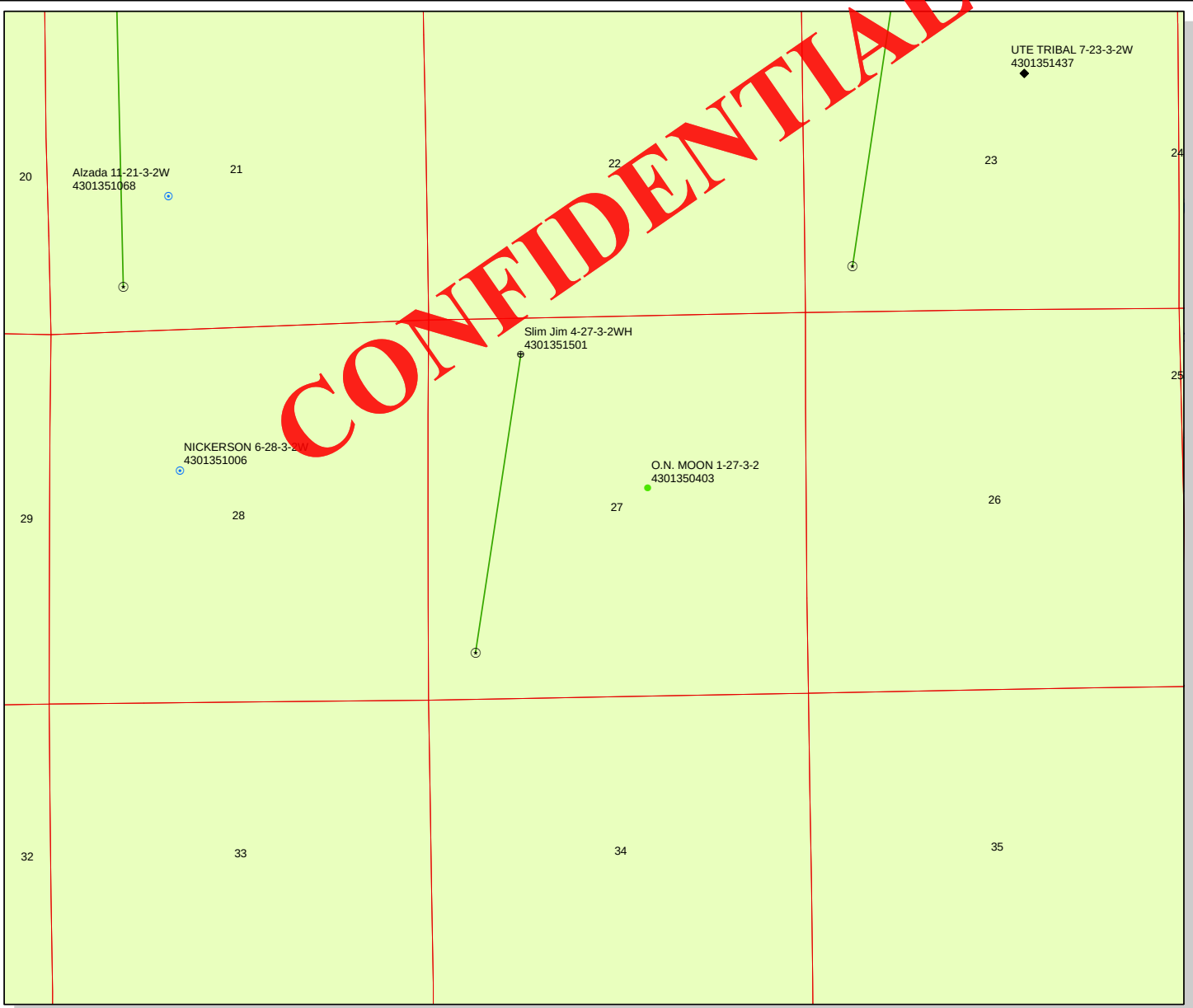
Pad Location: NWNW Section 27, T3S, R2W, U.S.B.&M.



SURVEYED BY: P.H.	DATE SURVEYED: 11-17-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-18-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 01-10-12		

RECEIVED: June 26, 2012

API Well Number: 43013515010000



API Number: 4301351501

Well Name: Slim Jim 4-27-3-2WH

Township T03.0S Range R02.0W Section 27

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb

1,750 875 0 1,750 Feet

1:17,106

RECEIVED: June 27, 2012

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/26/2012 **API NO. ASSIGNED:** 43013515010000
WELL NAME: Slim Jim 4-27-3-2WH
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 719-2018
CONTACT: Don Hamilton

PROPOSED LOCATION: NWNW 27 030S 020W **Permit Tech Review:** ☑
SURFACE: 0467 FNL 1281 FWL **Engineering Review:** ☐
BOTTOM: 0660 FSL 0660 FWL **Geology Review:** ☑
COUNTY: DUCHESNE
LATITUDE: 40.19898 **LONGITUDE:** -110.10010
UTM SURF EASTINGS: 576593.00 **NORTHINGS:** 4450230.00
FIELD NAME: WILDCAT
LEASE TYPE: 2 - Indian
LEASE NUMBER: 14-20-H62-5964 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER
SURFACE OWNER: 2 - Indian **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** INDIAN - RLB00100473
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-90
Effective Date: 5/9/2012
Siting: (4) Producing Grrv-Wstc Wells in Sec Drl Unit

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 4 - Federal Approval - bhill
27 - Other - bhill

RECEIVED: June 27, 2012

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Slim Jim 4-27-3-2WH
API Well Number: 43013515010000
Lease Number: 14-20-H62-5964
Surface Owner: INDIAN
Approval Date: 6/27/2012

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284
  (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil &

Gas website
at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR JUN 05 2012
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER BLM

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER	5. Lease Serial No. 1420H625964
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA Agreement, Name and No.
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone	8. Lease Name and Well No. SLIM JIM 4-27-3-2WH
2. Name of Operator NEWFIELD PRODUCTION COMPANY Contact: DON S HAMILTON E-Mail: starpoint@etv.net	9. API Well No. 43 013 51501
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052 / 3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019	10. Field and Pool, or Exploratory N/A
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface NWNW 467FNL 1281FWL 40.199064 N Lat, 110.100086 W Lon At proposed prod. zone SWSW 660FSL 660FWL	11. Sec., T., R., M., or Blk. and Survey or Area Sec 27 T3S R2W Mer UBM
14. Distance in miles and direction from nearest town or post office* 2.3 MILES WEST OF MYTON, UTAH	12. County or Parish DUCHESNE / 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 467 / 16. No. of Acres in Lease 80.00	17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 0 / 19. Proposed Depth 12335 MD 8110 TVD	20. BLM/BIA Bond No. on file RLB00100473
21. Elevations (Show whether DF, KB, RT, GL, etc. 5120 GL / 22. Approximate date work will start 08/15/2012	23. Estimated duration 60 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 06/04/2012
Title PERMITTING AGENT		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date JAN 04 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
JAN 14 2013
DIV. OF OIL, GAS & MINING

Additional Operator Remarks (see next page)

Electronic Submission #139612 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 06/11/2012 ()

NOTICE OF APPROVAL

UDOGM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

12550973AE NOS 11/25/2011

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NWNW, Sec. 27, T3S, R2W**
Well No:	**SLIM JIM 4-27-3-2WH**	**Lease No:**	**14-20-H62-5964**
API No:	**43-013-51501**	**Agreement:**	**N/A**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- A 60' foot corridor right-of-way shall be approved for the road and pipeline. Upon completion of each pipeline in the corridor, they shall be identified and filed with the Ute Tribe.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipelines.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the *"umbrella"* of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- Newfield Production Company will implement a "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COA's, and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- The personnel from the Ute Tribe Energy & Minerals Department should be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- Cement for the surface casing shall be circulated to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Sundry Number: 33990 API Well Number: 43013515010000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5964

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: SLIM JIM 4-27-3-2WH

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515010000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0467 FNL 1281 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 27 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/1/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company respectfully requests approval to utilize oil based mud (OBM) during the drilling of the Slim Jim 4-27-3-2WH. Attached please find an updated drilling plan reflecting changes to an OBM system. All other aspects of the proposal including the well location, environmental clearance and existing surface use remain unchanged.

Accepted by the Utah Division of Oil, Gas and Mining

Date: January 24, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE N/A		**DATE** 1/21/2013

RECEIVED: Jan. 21, 2013

Newfield Production Company
Slim Jim 4-27-3-2WH
Surface Hole Location: 467' FSL, 1281' FWL, Section 27, T3S, R2W
Bottom Hole Location: 660' FSL,660' FWL, Section 27, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,188'
Garden Gulch member	5,909'
Wasatch	8,342'
Pilot Hole TD	8,542'
Lateral TD	8,110' TVD / 12,335' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	498'	(water)
Green River	5,909' - 8,110'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	-- --	-- --	-- --
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520 2.12	2,020 2.54	394,000 4.38
Intermediate 7	0'	8,259' 8,578'	26	P-110	BTC	11	11.5	15	9,960 2.55	6,210 1.51	853,000 3.82
Production 4 1/2	7,689'	8,110' 12,335'	13.5	P-110	BTC	11	11.5	--	12,410 3.24	10,670 2.64	422,000 6.73

RECEIVED: Jan. 21, 2013

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720 / 204	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Pilot Hole Plug Back	8 3/4	803'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	386 / 311	15%	14.3	1.24
Intermediate Lead	8 3/4	4,909'	Premium Lite II w/ 3% KCl + 10% bentonite	849 / 240	15%	11.0	3.53
Intermediate Tail	8 3/4	2,669'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	461 / 372	15%	14.3	1.24
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval **Description**

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

RECEIVED: Jan. 21, 2013

2,500' - TD

One of two possible mud systems may be used depending on offset well performance on ongoing wells:
A water based mud: Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride).

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

8,110' x 0.57 psi/ft = 4639 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone.
The pilot hole will be logged, and then plugged back in prepartion for horizontal operations.
Directional tools will then be used to build to 92.26 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal

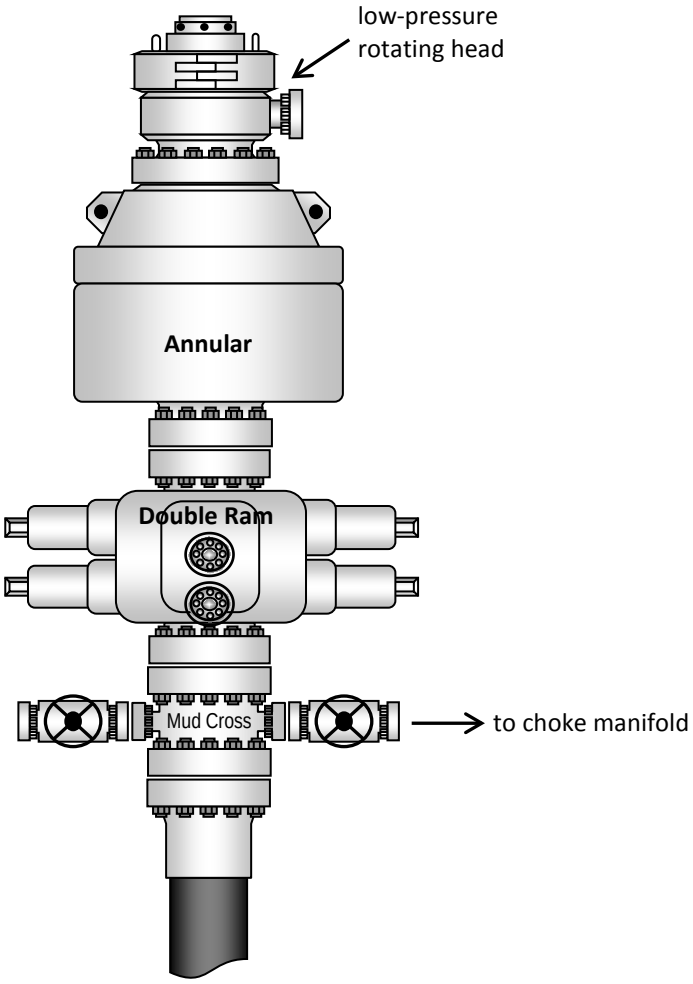
RECEIVED: Jan. 21, 2013

Green River Development Program" paragraph 9.0

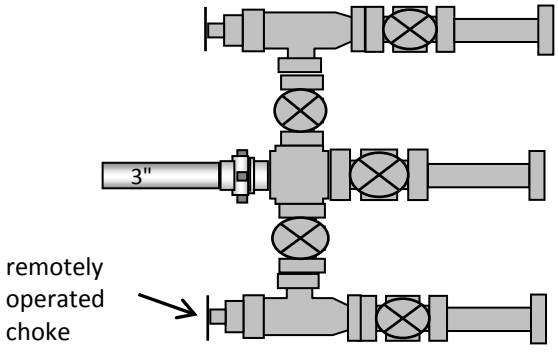
If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

RECEIVED: Jan. 21, 2013

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: Jan. 21, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5964

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: SLIM JIM 4-27-3-2WH

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515010000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0467 FNL 1281 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 27 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/27/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to extend the Application for Permit to Drill this well for on year.

Approved by the Utah Division of Oil, Gas and Mining

Date: June 05, 2013

By: 

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech

SIGNATURE	DATE
N/A	6/4/2013

RECEIVED: Jun. 04, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013515010000

API: 43013515010000
Well Name: SLIM JIM 4-27-3-2WH
Location: 0467 FNL 1281 FWL QTR NWNW SEC 27 TWNP 030S RNG 020W MER U
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 6/27/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Mandie Crozier **Date:** 6/4/2013
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Jun. 04, 2013

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5964

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ACCAWINNA 13-22-15-3-2W-MW

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515010000

3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER: 303 382-4443 Ext

9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0544 FNL 1445 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 27 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/22/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

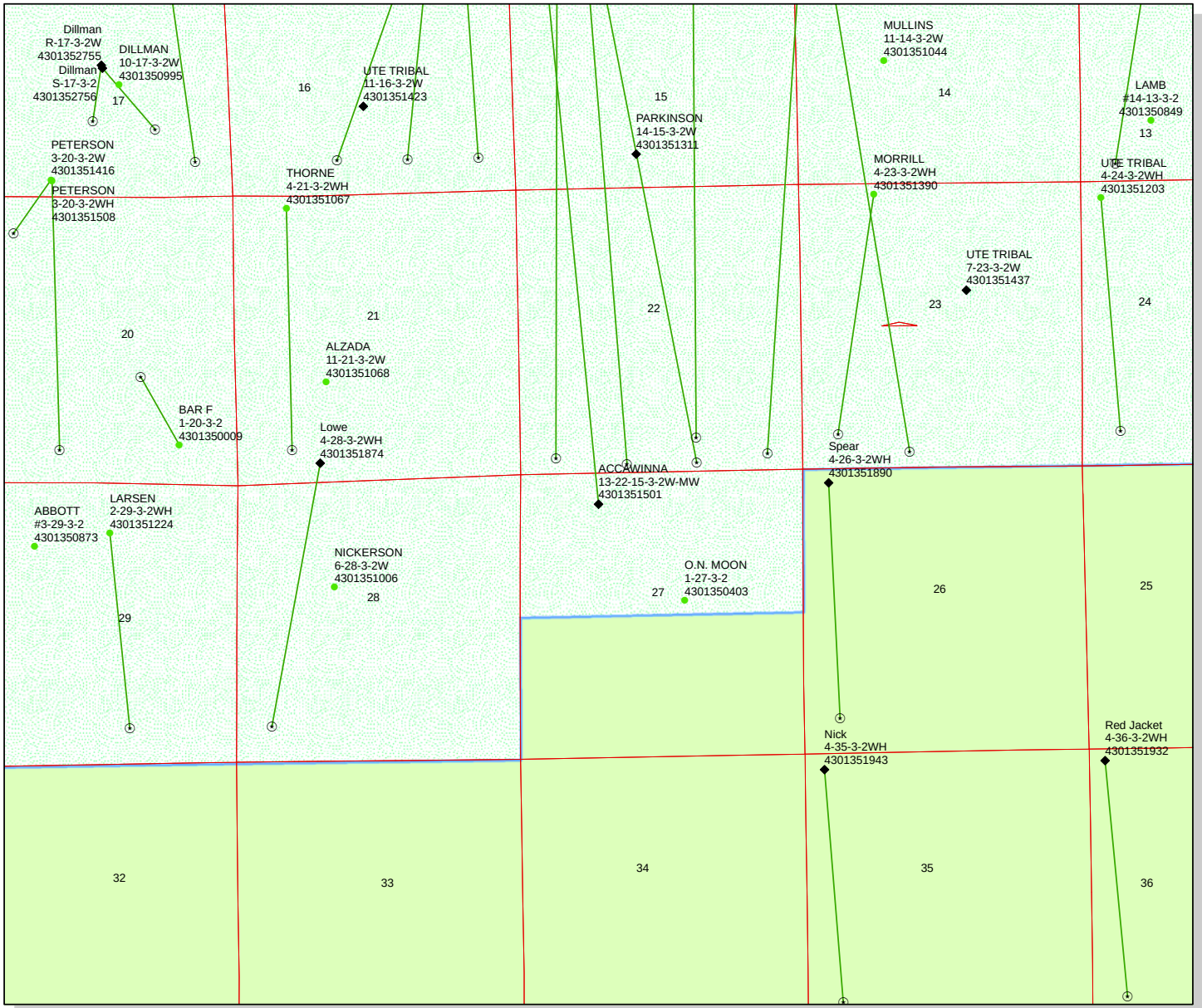
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company respectfully requests changes to the approved APD (see attached).

Approved by the Utah Division of Oil, Gas and Mining
July 31, 2014
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Matt Barber	303 382-4493	Senior Regulatory Specialist
SIGNATURE N/A		**DATE** 7/17/2014

RECEIVED: Jul. 17, 2014



API Number: 4301351501

Well Name: ACCAWINNA 13-22-15-3-2W-MW

Township: T03.0S Range: R02.0W Section: 27 Meridian: U

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 7/25/2014
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

2,400 1,200 0 2,400 Feet

1:23,024

RECEIVED: Jul. 25, 2014

Newfield Production Company respectfully requests that the surface location of the previously approved Slim Jim 4-27-3-2WH (Tribal surface) be moved approximately 181 feet southeast and that the well name changed to the Accawinna 13-22-15-3-2W-MW. Changes to the top producing, bottom of producing, and bottom hole location footages have also occurred.

The following are the updated locations along the intended well bore path:

- Surface Location: 544' FNL & 1445' FWL, NENW, Section 27, T3S, R2W, USB&M, (~181' move);
- Top of Producing Interval: 660' FSL & 660' FWL, SWSW, Section 22, T3S, R2W, USB&M;
- Bottom of Producing Interval: 660' FNL & 660' FWL, NWNW, Section 15, T3S, R2W, USB&M;
- Bottom Hole: 525' FNL & 660' FWL, NWNW, Section 15, T3S, R2W, USB&M.
- The TVD will change from 8110' to 9323' and the MD will change from 12335' to 19107.

Newfield has also obtained approval from the Ute Indian Tribe's Energy and Minerals office and Bureau of Indian Affairs for the pad area adjustment and expansion from 4.749 acres to 7.413 acres. Attached please find an updated plat package, drilling plan, horizontal plan, exception letter and lease plat reflecting the changes.

RECEIVED: Jul. 17, 2014

June 30, 2014

NEWFIELD

State of Utah, Division of Oil, Gas & Mining
ATTN: Brad Hill
PO Box 145801
Salt Lake City, UT 84114

Newfield Exploration Company
1001 17th Street | Suite 2000
Denver, Colorado 80202
PH 303-893-0102 | FAX 303-893-0103

RE: Accawinna 13-22-15-3-2W-MW

Newfield Production Company ("Newfield") proposes to drill the Accawinna 13-22-15-3-2W-MW from a surface location of 544' FNL and 1445' FWL of Section 27, T3S R2W, to a bottom hole location of 525' FNL and 660' FWL of Section 15, T3S R2W.

The Accawinna 13-22-15-3-2W-MW is covered by Order No. 139-103, which requires no portion of the producing interval of the wellbore be closer than 660' from the northern or southern section boundaries and no closer than 660' from the eastern or western section boundaries, and requires proper surface and sub-surface authorization be obtained when the surface location is located off of the drilling unit.

In compliance with the above referenced Order, the top of the uppermost producing zone of the Accawinna 13-22-15-3-2W-MW is 660' FSL and 660' FWL of Section 22, T3S R2W, and the bottom of the producing interval of the wellbore is 660' FNL and 660' FWL of Section 15, T3S R2W. Newfield shall case and cement the Accawinna 13-22-15-3-2W-MW wellbore from the surface location to the point where the wellbore reaches the legal setback, and the wellbore will only be completed within the legal setback. Similarly, the portion of the wellbore lying closer than 660' FNL of Section 15, T3S R2W will not be a producing interval of the wellbore. In the event a future recompletion outside of this setback is proposed, Newfield shall attempt to acquire consent from all the owners of Section 10 or 27, T3S R2W, and shall file the appropriate application with the State. The bottom of the producing interval of the wellbore of the Accawinna 13-22-15-3-2W-MW is 660' FNL and 660' FWL of Section 15, T3S R2W, which is within the legal setback.

In further compliance of the above referenced Order, Newfield has obtained authorization from the surface owner of the drilling location, as is evidenced by the Affidavit of Easement, Right-of-Way and Surface Use Agreement attached to the APD. Both the surface location and bottom hole location are located within the drilling unit.

Based on Newfield's compliance with the requirements of Order No. 139-103, Newfield respectfully requests the approval of our APD for the Accawinna 13-22-15-3-2W-MW.

For questions, please contact the undersigned at 303-382-4466 or rnmiller@newfield.com.

Sincerely,

Robert N. Miller II
Landman

NEWFIELD EXPLORATION COMPANY

WELL PACKAGE COVER SHEET

PROPOSED 4-27-3-2 PAD

PROPOSED WELLS: ACCAWINNA 13-22-15-3-2W-MW AND ACCAWINNA 13-22-15-3-2W-LW

Pad Location: NENW Section 27, T3S, R2W, U.S.B.&M.

VERSION HISTORY

VERSION:	DATE:	NOTES:
V1	11-18-11	ORIGINAL WELL PACKAGE.
V2	01-20-12	ADDED TOP OF PRODUCING INTERVAL.
V3	11-25-13	WELL PAD MOVED. WELL PAD LAYOUT CHANGED. WELL PACKAGE UPDATED TO CURRENT STANDARDS.
V4	02-24-14	ADDED SECOND WELL. CHANGED WELL NAMES FROM 4-27-3-2WH TO ACCAWINNA 13-22-15-3-2W-UW AND ACCAWINNA 13-22-15-3-2W-LW. BOTTOM HOLES AND TOP OF PRODUCING INTERVALS MOVED. WELL PACKAGE UPDATED TO CURRENT STANDARDS.
V4	03-06-14	ADDED PREVIOUS DISTURBANCE BOUNDARY TO CUT SHEET PER ONSITE REQUEST.
V5	04-01-14	FULL WELL PACKAGE. ADDED BOTTOM OF PRODUCING INTERVALS. MOVED BOTTOM HOLES.
V6	04-17-14	PAD DESIGN CHANGED TO A PREVIOUS SINGLE WELL VERSION DATED (01-10-12). WELL NAME CHANGED TO ACCAWINNA 13-22-15-3-2W-MW. ADDED BOTTOM OF PRODUCING INTERVAL. MOVED BOTTOM HOLE. FULL WELL PACKAGE UPDATED TO CURRENT STANDARDS.
V7	06-12-14	PAD DESIGN CHANGED TO A PREVIOUS DUAL WELL VERSION DATED (04-01-14). INCREASED PIT SIZE TO 80'X120'. WELL NAME CHANGED FROM ACCAWINNA 13-22-15-3-2W-UW TO ACCAWINNA 13-22-15-3-2W-MW.

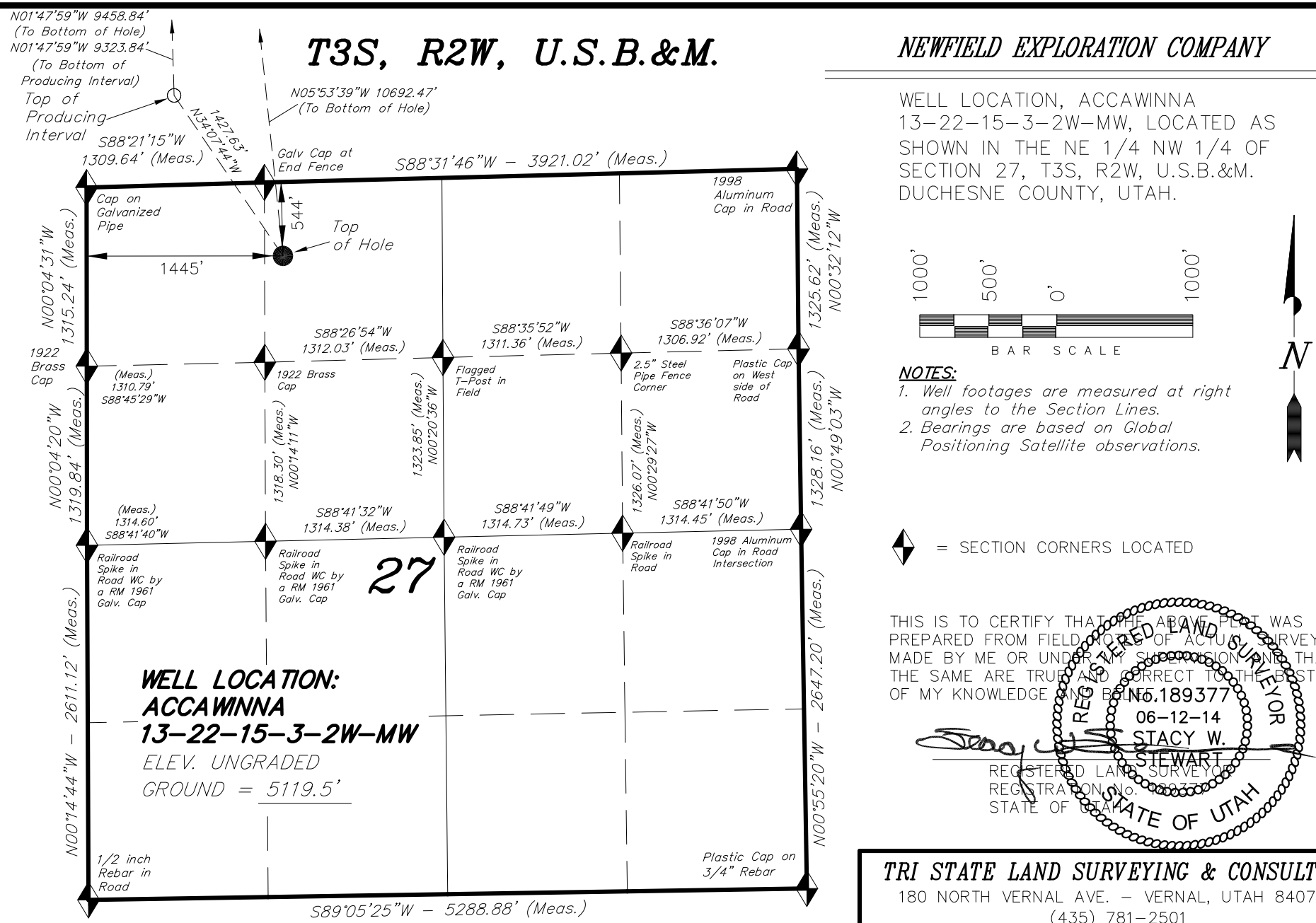
SURVEYED BY: Q.M.	DATE SURVEYED: 12-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: V.H.	DATE DRAWN: 11-25-13	V7	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
	REVISED: V.H. 06-12-14		

RECEIVED: Jul. 17, 2014

T3S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, ACCAWINNA 13-22-15-3-2W-MW, LOCATED AS SHOWN IN THE NE 1/4 NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

◆ = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 06-12-14 STACY W. STEWART STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°11'55.88"
LONGITUDE = 110°05'58.21"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°11'56.03"
LONGITUDE = 110°05'55.67"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

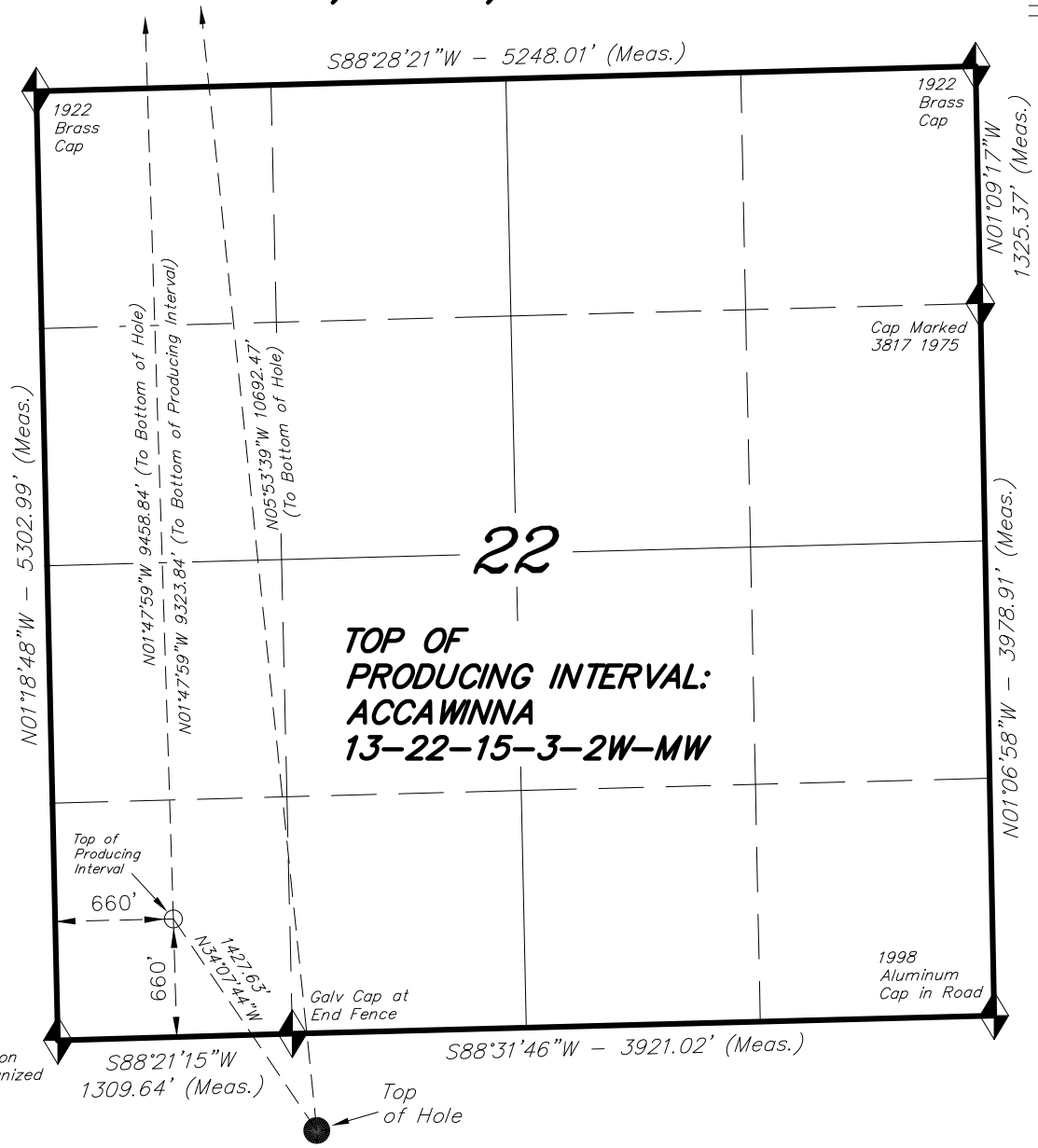
DATE SURVEYED: 12-09-13	SURVEYED BY: Q.M.	VERSION:
DATE DRAWN: 11-18-11	DRAWN BY: F.T.M.	V7
REVISED: 06-12-14 V.H.	SCALE: 1" = 1000'	

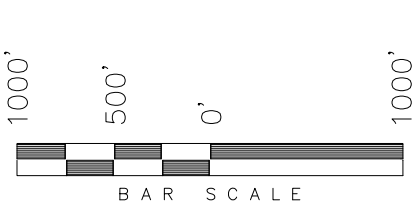
RECEIVED: Jul. 17, 2014

T3S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

TOP OF PRODUCING INTERVAL,
ACCAWINNA 13-22-15-3-2W-MW,
LOCATED AS SHOWN IN THE SW 1/4
SW 1/4 OF SECTION 22, T3S, R2W,
U.S.B.&M. DUCHESNE COUNTY, UTAH.





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REGISTERED LAND SURVEYOR No.189377 06-12-14 STACY W. STEWART STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (TOP OF PROD. INTERVAL)
LATITUDE = 40°12'07.68"
LONGITUDE = 110°06'08.29"
NAD 27 (TOP OF PROD. INTERVAL)
LATITUDE = 40°12'07.82"
LONGITUDE = 110°06'05.75"

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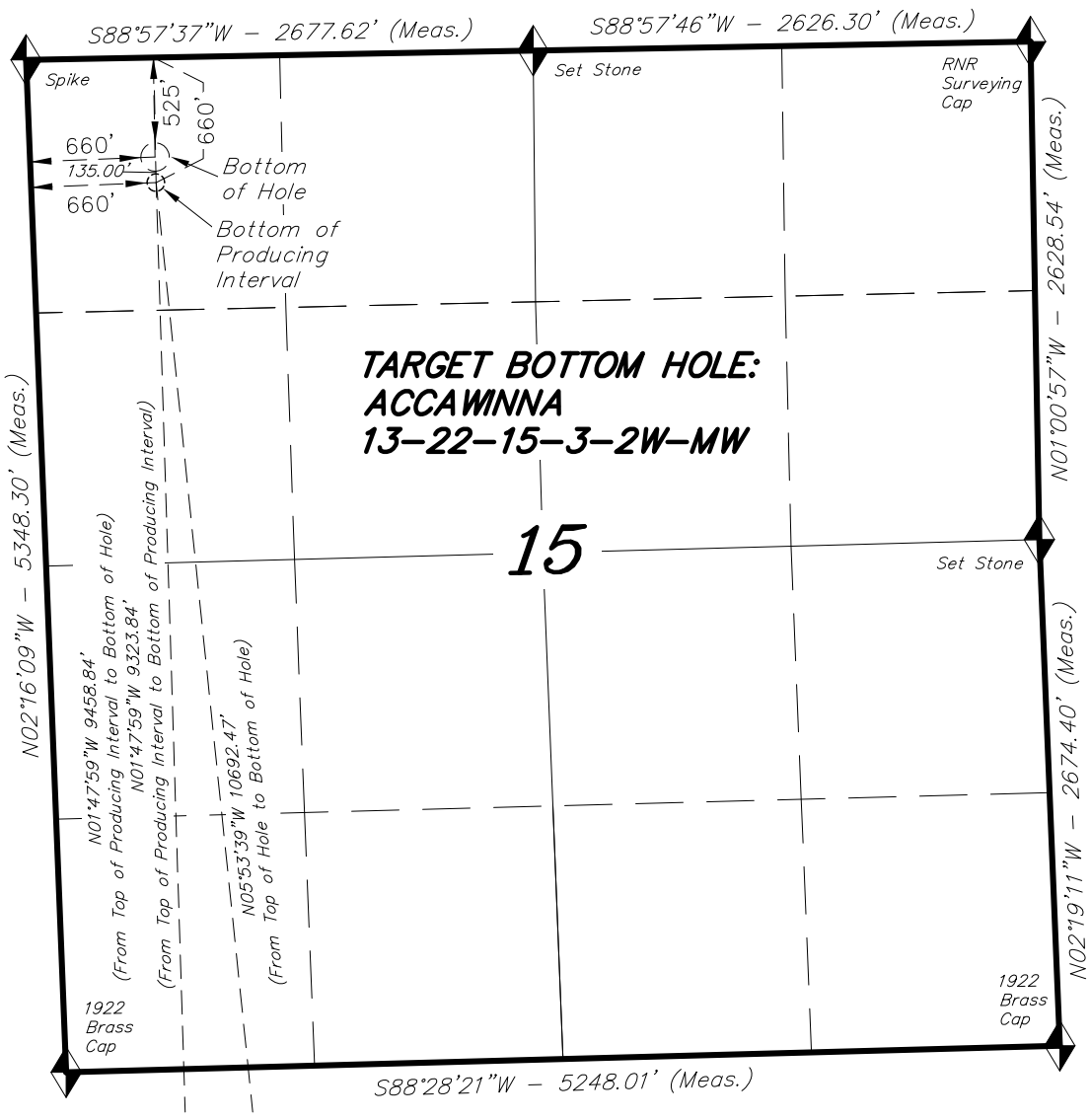
DATE SURVEYED: 12-09-13	SURVEYED BY: Q.M.	VERSION:
DATE DRAWN: 11-18-11	DRAWN BY: F.T.M.	V7
REVISED: 06-12-14 V.H.	SCALE: 1" = 1000'	

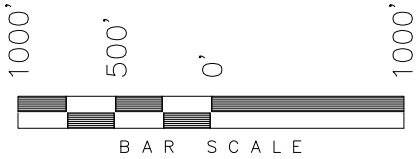
RECEIVED: Jul. 17, 2014

T3S, R2W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, ACCAWINNA 13-22-15-3-2W-MW, LOCATED AS SHOWN IN THE NW 1/4 NW 1/4 OF SECTION 15, T3S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.





NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 06-12-14 STACY W. STEWART STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (BOTTOM OF PROD. INTERVAL)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°13'39.78" LONGITUDE = 110°06'10.19"	LATITUDE = 40°13'41.11" LONGITUDE = 110°06'10.22"
NAD 27 (BOTTOM OF PROD. INTERVAL)	**NAD 27 (BOTTOM HOLE LOCATION)**
LATITUDE = 40°13'39.93" LONGITUDE = 110°06'07.65"	LATITUDE = 40°13'41.26" LONGITUDE = 110°06'07.67"

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180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

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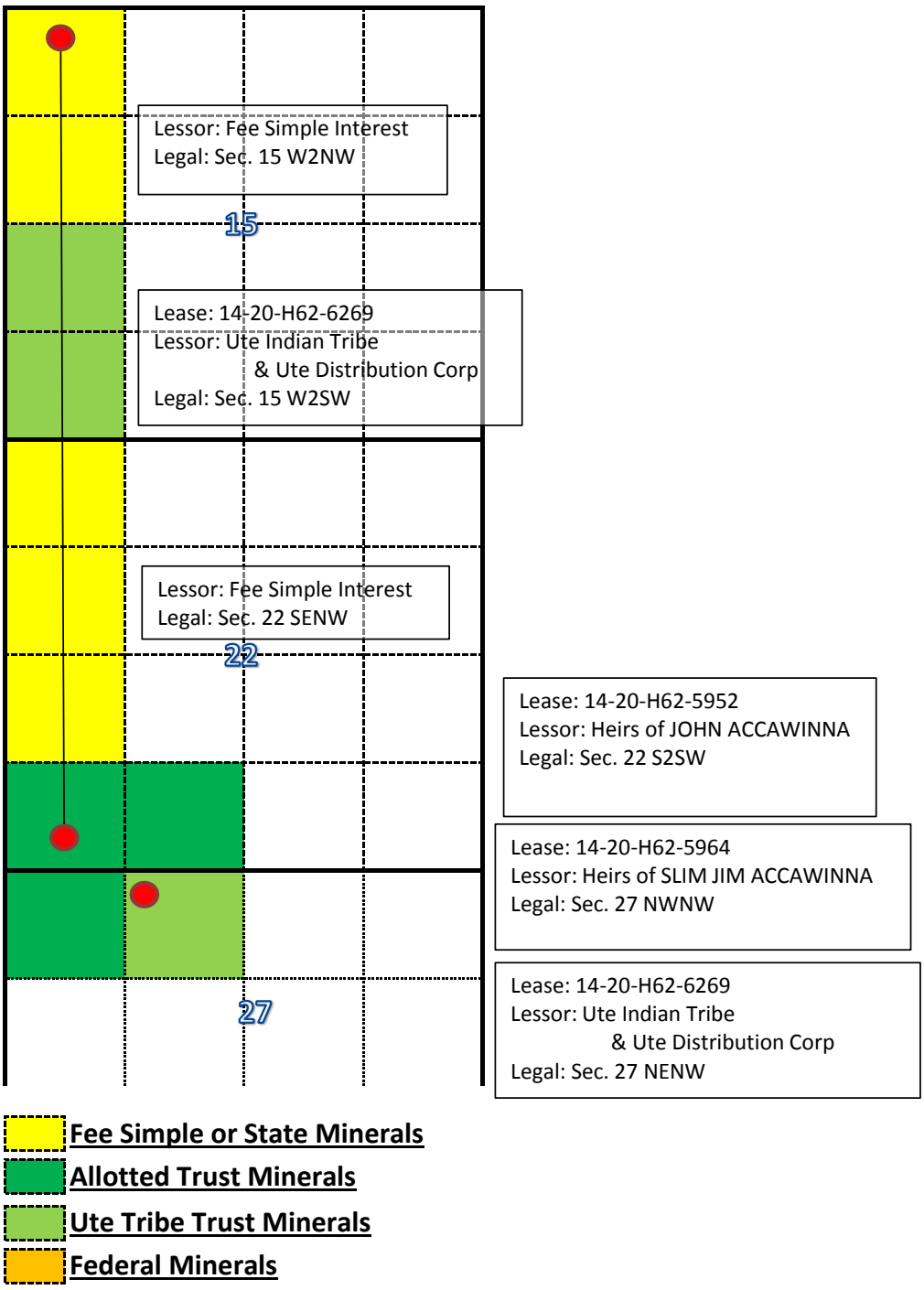
Plat depiction including Lease Numbers

Accawinna 13-22-15-3-2W-MW

SHL 544' FNL & 1445' FWL of Section 27
Top of Producing Interval 660' FSL & 660' FWL of Section 22
Bottom of Producing Interval 660' FNL & 660' FWL of Section 15
BHL 525' FNL & 660' FWL of Section 15



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Newfield Production Company
13-22-15-3-2W-MW
Surface Hole Location: 544' FNL, 1445' FWL, Section 27, T3S, R2W
Bottom Hole Location: 525' FNL, 660' FWL, Section 15, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,283'
Garden Gulch	6,101'
Uteland Butte Member	8,375'
Wasatch	8,508'
Lateral TD	9,323' TVD / 19,107' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	1,550'			(water)
Green River	6,101'	-	8,508'	(oil)
Wasatch	8,508'	-	9,323'	(oil)

3. Pressure Control

Section	BOP Description
Surface	Diverter
Intermediate	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.
Prod/Prod Liner	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 20	0'	60'	--	--	Weld	--	--	--	-- --	-- --	-- --
Surface 13 3/8	0'	1,600'	54.5	J-55	STC	8.33	8.4	14	2,730 2.71	1,130 2.46	514,000 5.89
Intrm Drilling 9 5/8	0'	8,052' 8,112'	40	N-80	BTC	10	10.5	16	5,750 1.32	3,090 1.41	916,000 2.84
Production 5 1/2	0'	9,323' 19,107'	20	P-110	BTC	14	14.5	17	12,360 2.29	11,080 1.97	641,000 1.68

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Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing drilling MASP = 0.5 ppg gas kick with a 70 bbl gain and frac at the shoe with a 1 ppg safety factor
Production casing MASP = (reservoir pressure) - (gas gradient)
Intermediate collapse calculations assume 50% evacuated
Maximum intermediate csg collapse load assumes loss of mud to a fluid level of 4,026'
Intermediate csg run from surface to 8,052' TVD and will not experience full evacuation
Production csg run from surface to TD will isolate intermediate csg from production loads
Production csg withstands burst and collapse loads for anticipated production conditions
Surface & production collapse calcs assume fully evacuated casing w/ a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.15 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	24	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	66 / 57	15%	15.8	1.17
Surface Lead	17 1/2	1,000'	Type V Cement + 16% Bentonite + 10 lbs/sk Kol Seal + 3% NaCl	799 / 279	15%	12.0	2.86
Surface Tail	17 1/2	600'	Type V Cement + 16% Bentonite + 10 lbs/sk Kol Seal + 3% NaCl	479 / 168	15%	12.0	2.86
Intermediate Lead	12 1/4	6,101'	HLC Premium - 35% Poz/65% Glass G + 10% bentonite	2198 / 623	15%	11.0	3.53
Intermediate Tail	12 1/4	2,011'	50/50 Poz/Class G + 1% bentonite	724 / 562	15%	14.0	1.29
Production Lead	8 3/4	2,040'	Elastiseal Unfoamed	567 / 308	10%	17.3	1.84
Production Tail	8 3/4	9,455'	Elastiseal Foamed	2389 / 1298	0%	14.5 - 17.3	1.84

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log or gauge hole if logs are not ran, plus 15% excess.

The 5.5" production string will be run from surface to TD and cemented to setback. The cement slurries will be adjusted for hole conditions and blend test results. The lateral will be cemented past the setback.

The wellbore will cross the heal setback @ 9,652' MD
The first perforation will be within 18,972' MD

Per the directional plan, the bore hole will be drilled 135' past the toe setback for the rat hole and shoe track. This well will not be perforated or produced outside the legal setbacks.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 1,600'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

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1,600' - 8,112' One of two possible mud systems may be used depending on offset well performance on ongoing wells: A water based mud: Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. The cuttings will be mixed with fly ash prior to transportation to a location on Newfield owned surface. Once on Newfield owned surface, the cuttings will be treated with the previously approved FIRMUS process and used as a construction material on future location and/or roads on Newfield owned surface. The cuttings may also be transported to a state approved disposal facility.

Anticipated maximum mud weight is 10.5 ppg.

8,112' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells: A water based mud: Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride). All cuttings will be dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. The cuttings will be mixed with fly ash prior to transportation to a location on Newfield owned surface. Once on Newfield owned surface, the cuttings will be treated with the previously approved FIRMUS process and used as a construction material on future location and/or roads on Newfield owned surface. The cuttings may also be transported to a state approved disposal facility.

Anticipated maximum mud weight is 14.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log may be run from KOP to the base of the surface casing. An azimuthal gamma ray LWD log will be run from the shoe of the intermediate casing to TD. A cement bond log will be run from KOP to the cement top behind the production casing and or intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

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8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.73 psi/ft gradient.

9,323' x 0.73 psi/ft = 6787.1 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

The lateral of this well will target the Wasatch formation
After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 8,400'
Directional tools will then be used to build to 87.87 degrees inclination.
The lateral will be drilled to the bottomhole location shown on the plat. A 5-1/2" longstring will be run from surface to TD and cemented in place.

Newfield requests the following variances from Onshore Order #2:
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

If oil based mud (OBM) is used and If Newfield owns the surface rights on the same drilling site at a location where construction is desired, the cuttings may be used for construction by a Firmus® process at that location. Otherwise, after the cuttings have been made safe for transport as described in paragraph 6, they will be transported to another location on which Newfield owns surface rights and there mixed, as part of a Firmus® process, with at least one additional chemical that will convert them to a temporarily uncured cementitious mixture that will be placed and shaped into a temporary desired final structure that will spontaneously harden within seven days after placement to form the desired structure. Samples of the temporary desired final structure may be taken for testing as described below (after the samples have hardened), or samples of the starting pretreated cuttings and mud will be taken during the construction and later mixed in a laboratory, molded, and cured to simulate the final structure as well as reasonably possible. Either these laboratory-made simulations of the final structure or samples of the temporary mixture itself after hardening, will be mechanically tested directly to determine their unconfined compressive strength and their hydraulic conductivity. Leachates of the mechanically tested structures themselves or of finer particles made by crushing and size-grading of the mechanically tested structures themselves to a specified particle size range will be analyzed, according to specified methods, for their contents of arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, zinc, benzene, total petroleum hydrocarbons (TPH), and chlorides, and the pH of these leachates will also be measured. The results of all these tests will be reported by Newfield to UDOGM at intervals as requested, along with the latitude and longitude (or other comparable location data) of the site of the useful constructions built.

Water flows in the surface hole are likely. If the water flow is less than 400 bbls/hr, the well will be allowed to flow until the surface casing point is reached and water will be hauled off location. If the water flow is greater than 400 bbls/hr, the water flow will be controlled with kill weight mud which will be maintained until TD. In both situations, the cement density will be adjusted to meet or exceed the mud weight needed to kill the water flow and the well will be shut in once cement is in place. If cement fails to reach the surface or falls back, a top job will be performed to bring cement to surface. Any water flows will be sampled and tested and results will be sent to UDOGM.

A diveter will be used to drill the surface hole interval.

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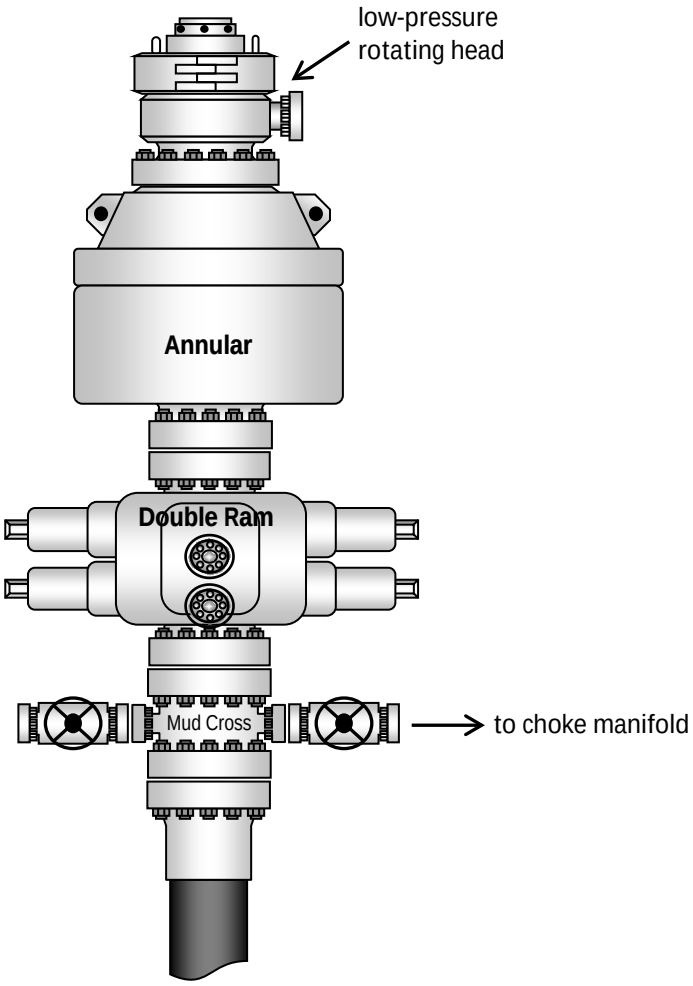
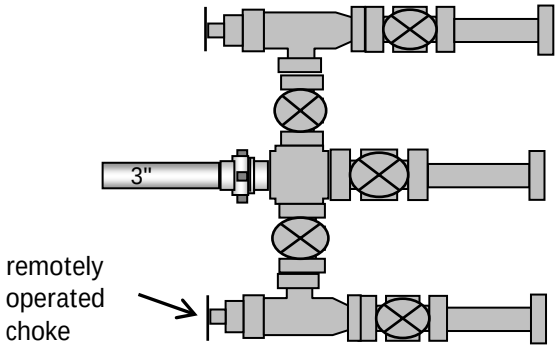
Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



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5D Plan Report

NEWFIELD PRODUCTION COMPANY

Field Name: *UTAH_ CENTRAL ZONE_NAD83*
Site Name: *ACCAWINNA 13-22-15-3-2W-MW*
Well Name: *ACCAWINNA 13-22-15-3-2W-MW*
Plan: *PLAN 1*

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Field: UTAH_CENTRAL ZONE_NAD83
Map Unit: USFt Vertical Reference Datum (VRD):
Projected Coordinate System: NAD83 / Utah Central (ftUS)

Site: ACCAWINNA 13-22-15-3-2W-MW
Unit: USFeet TVD Reference:
Company Name: NEWFIELD PRODUCTION COMPANY
Position: Northing: 7244221.30USft Latitude: 40.198856°
Easting: 2031595.95USft Longitude: -110.099503°
North Reference: True Grid Convergence: 0.90°
Elevation Above VRD: 5282.00USft

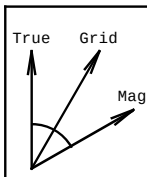
Slot: ACCAWINNA 13-22-15-3-2W-MW
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 7244221.30USft Latitude: 40.198856°
+E/-W: -0.00USft Easting: 2031595.95USft Longitude: -110.099503°
Elevation Above VRD: 5119.50USft

Well: ACCAWINNA 13-22-15-3-2W-MW
Type: Main-Well
File Number:
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 354.11°
+E/-W: 0.00USft
Magnetic Parameters:

Model	Field Strength	Declination	Dip	Date
BGGM	51992(nT)	11.06°	65.82°	2014-06-24

Formation Point Information:

Name	TVD (USft)	Elevation (USft)	MD (USft)
GREEN RIVER	3283.00	1862.50	3283.00
TRONA	5293.00	-147.50	5311.62
MAHOGANY BENCH	5327.00	-181.50	5346.13
GARDEN GULCH (GG)	6115.00	-969.50	6145.80
GARDEN GULCH 1	6366.00	-1220.50	6400.51
GARDEN GULCH 2	6528.00	-1382.50	6564.91
DOUGLAS CREEK MEMBER	7224.00	-2078.50	7271.22
LOWER BLACK SHALE	8003.00	-2857.50	8061.75
CASTLE PEAK LIMESTONE	8104.00	-2958.50	8164.25
CP LIMES	8253.00	-3107.50	8315.46
UTELAND BUTTE	8403.00	-3257.50	8468.00
WASATCH	8537.00	-3391.50	8608.91
WASATCH 10	8698.00	-3552.50	8796.21
WASATCH 12	8780.00	-3634.50	8907.82
WASATCH 15	8908.00	-3762.50	9144.89
WASATCH BASE LIME	8947.00	-3801.50	9274.58
WASATCH TARGET	5145.50	0.00	nan



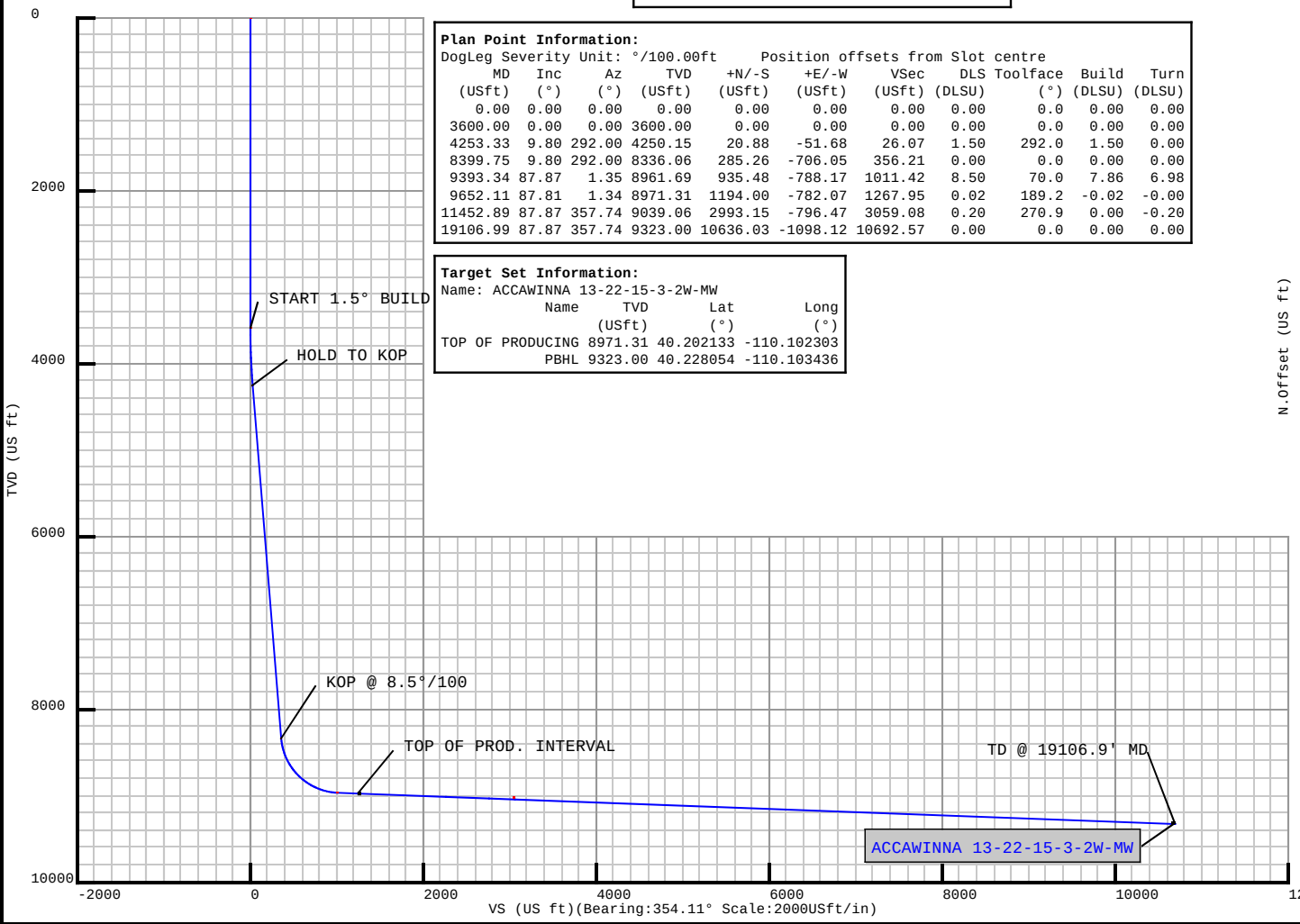
Grid Convergence: 0.90°
Mag Declination: 11.06°
Bearing:
True = Mag + 11.06°
Grid = True - 0.90°

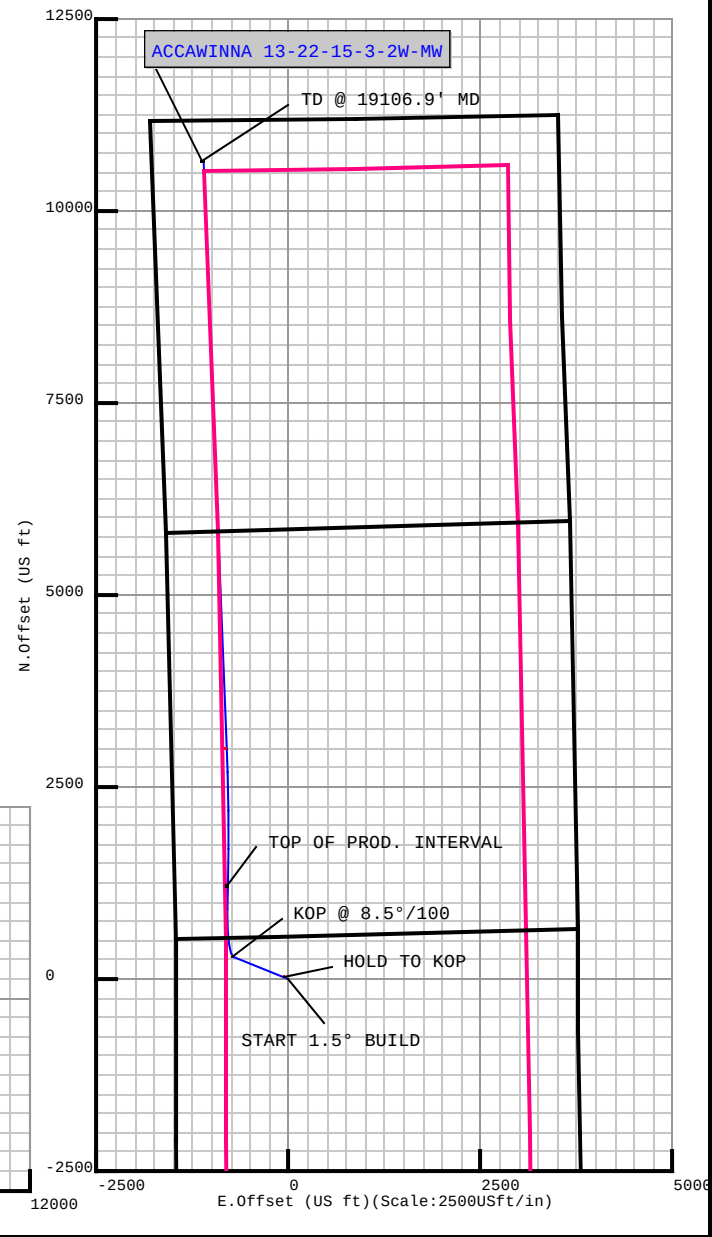
Plan Point Information:
DogLeg Severity Unit: °/100.00ft Position offsets from Slot centre

MD (USft)	Inc (°)	Az (°)	TVD (USft)	+N/-S (USft)	+E/-W (USft)	VSec (USft)	DLS (DLSU)	Toolface (°)	Build (DLSU)	Turn (DLSU)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00
4253.33	9.80	292.00	4250.15	20.88	-51.68	26.07	1.50	292.0	1.50	0.00
8399.75	9.80	292.00	8336.06	285.26	-706.05	356.21	0.00	0.0	0.00	0.00
9393.34	87.87	1.35	8961.69	935.48	-788.17	1011.42	8.50	70.0	7.86	6.98
9652.11	87.81	1.34	8971.31	1194.00	-782.07	1267.95	0.02	189.2	-0.02	-0.00
11452.89	87.87	357.74	9039.06	2993.15	-796.47	3059.08	0.20	270.9	0.00	-0.20
19106.99	87.87	357.74	9323.00	10636.03	-1098.12	10692.57	0.00	0.0	0.00	0.00

Target Set Information:
Name: ACCAWINNA 13-22-15-3-2W-MW

Name	TVD (USft)	Lat (°)	Long (°)
TOP OF PRODUCING	8971.31	40.202133	-110.102303
PBHL	9323.00	40.228054	-110.103436





Plan Surveys for the ACCAWINNA 13-22-15-3-2W-MW

Site Name ACCAWINNA 13-22-15-3-2W-MW	**Units :** US ft	**North Reference** : True	**Convergence Angle :** 0.90
	Position	**Northing :** 7244221.30 US ft	**Latitude :** 40.198856
		Easting : 2031595.95 US ft	**Longitude :** -110.099503
	Elevation above:5119.50 US ft		
	Comment :		

Slot Name ACCAWINNA 13-22-15-3-2W-MW	**Position (Offsets relative to Site Centre)**		
	+N / -S : 0.00 US ft	**Northing :**7244221.30 US ft	**Latitude :** 40.198856
	+E / -W : -0.00 US ft	**Easting :**2031595.95 US ft	**Longitude :** -110.099503
	Slot TVD Reference : Ground Elevation		
	Elevation above : 5119.50 US ft		
	Comment :		

Well Name ACCAWINNA 13-22-15-3-2W-MW	**Type :** Main well		**UWI :**	**Plan :** PLAN 1
	Rig Height *Drill Floor* : 26.00 US ft **Relative to :** 5145.50 US ft		**Comment :**	
	Closure Distance : 10692.6 US ft		**Closure Azimuth :** 354.105°	
	Vertical Section (Position of Origin Relative to Slot)			
		+N / -S : 0.00 US ft	**+E / -W :** 0.00 US ft	**Az :**354.11°
	Magnetic Parameters			
	Model : BGGM	**Field Strength :** 51992.8nT	**Dec :** 11.06°	**Dip :** 65.82° **Date :** 24/Jun/2014

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5D Plan Report

Target Set

Name : ACCAWINNA 13-22-15-3-2W-MW **Number of Targets :** 2

Comment :

TargetName: TOP OF PRODUCING **Shape:** Cuboid	**Position (Relative to centre)** **+N / -S :** 1194.00US ft **Northing :** 7245402.91 US ft **Latitude :** 40°12'7.680000" **+E / -W :** -782.07 US ft **Easting :** 2030795.28US ft **Longitude :** -110°6'8.290000" **TVD (Drill Floor) :** 8971.31 US ft **Orientation** **Azimuth :** 0.00° **Inclination :** 0.00° **Dimensions** **Length :** 20.00 US ft **Breadth :** 20.00 US ft **Height :** 20.00 US ft
TargetName: PBHL **Shape:** Cuboid	**Position (Relative to centre)** **+N / -S :** 10636.03US ft **Northing :** 7254838.83 US ft **Latitude :** 40°13'40.993146" **+E / -W :** -1098.12 US ft **Easting :** 2030331.43US ft **Longitude :** -110°6'12.368815" **TVD (Drill Floor) :** 9323.00 US ft **Orientation** **Azimuth :** 0.00° **Inclination :** 0.00° **Dimensions** **Length :** 20.00 US ft **Breadth :** 20.00 US ft **Height :** 20.00 US ft

Well path created using minimum curvature

Salient Points (Relative to centre, TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (°)	Longitude (°)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	40.198856	-110.099503	0.00	0.00	0.00	
3283.00	0.00	0.00	3283.00	0.00	0.00	40.198856	-110.099503	0.00	0.00	0.00	GREEN RIVER :
3600.00	0.00	0.00	3600.00	0.00	0.00	40.198856	-110.099503	0.00	0.00	0.00	START 1.5° BUILD
4253.33	9.80	292.00	4250.15	20.88	-51.68	40.198913	-110.099688	1.50	292.00	26.07	HOLD TO KOP
5311.62	9.80	292.00	5293.00	88.36	-218.69	40.199098	-110.100286	0.00	0.00	110.33	TRONA :
5346.13	9.80	292.00	5327.00	90.56	-224.14	40.199104	-110.100305	0.00	0.00	113.08	MAHOGANY BENCH :
6145.80	9.80	292.00	6115.00	141.55	-350.34	40.199244	-110.100757	0.00	0.00	176.75	GARDEN GULCH (GG) :
6400.51	9.80	292.00	6366.00	157.79	-390.54	40.199289	-110.100901	0.00	0.00	197.03	GARDEN GULCH 1 :

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5D Plan Report

Salient Points (Relative to centre, TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (°)	Longitude (°)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
6564.91	9.80	292.00	6528.00	168.27	-416.48	40.199317	-110.100994	0.00	0.00	210.12	GARDEN GULCH 2 :
7271.22	9.80	292.00	7224.00	213.30	-527.95	40.199441	-110.101393	0.00	0.00	266.36	DOUGLAS CREEK MEMBER :
8061.75	9.80	292.00	8003.00	263.71	-652.71	40.199579	-110.101840	0.00	0.00	329.30	LOWER BLACK SHALE :
8164.25	9.80	292.00	8104.00	270.25	-668.88	40.199597	-110.101897	0.00	0.00	337.46	CASTLE PEAK LIMESTONE :
8315.46	9.80	292.00	8253.00	279.89	-692.75	40.199624	-110.101983	0.00	0.00	349.50	CP LIMES :
8399.75	9.80	292.00	8336.06	285.26	-706.05	40.199639	-110.102031	0.00	0.00	356.21	KOP @ 8.5°/100
8468.00	12.97	317.02	8403.00	293.05	-716.67	40.199660	-110.102069	8.50	69.97	365.05	UTELAND BUTTE :
8608.91	22.99	339.25	8537.00	330.50	-737.27	40.199763	-110.102142	8.50	45.42	404.41	WASATCH :
8796.21	38.05	349.75	8698.00	422.10	-760.65	40.200014	-110.102226	8.50	24.17	497.93	WASATCH 10 :
8907.82	47.27	353.09	8780.00	496.81	-771.73	40.200219	-110.102266	8.50	15.04	573.38	WASATCH 12 :
9144.89	67.04	357.76	8908.00	694.34	-786.62	40.200762	-110.102319	8.50	12.57	771.40	WASATCH 15 :
9274.58	77.91	359.71	8947.00	817.78	-789.28	40.201101	-110.102329	8.50	10.00	894.46	WASATCH BASE LIME :
9393.34	87.87	1.35	8961.69	935.48	-788.17	40.201424	-110.102325	8.50	9.41	1011.42	
9652.11	87.81	1.34	8971.31	1194.00	-782.07	40.202133	-110.102303	0.02	189.21	1267.95	TOP OF PROD. INTERVAL
11452.89	87.87	357.74	9039.06	2993.15	-796.47	40.207072	-110.102355	0.20	270.88	3059.08	
19106.99	87.87	357.74	9323.00	10636.03	-1098.12	40.228054	-110.103436	0.00	0.00	10692.57	TD @ 19106.9' MD

Interpolated Points (Relative to centre, TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	

5D Plan Report

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	
3283.00	0.00	0.00	3283.00	0.00	0.00	0.00	0.00	0.00	GREEN RIVER :
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	START 1.5° BUILD
3700.00	1.50	292.00	3699.99	0.49	-1.21	1.50	292.00	0.61	
3800.00	3.00	292.00	3799.91	1.96	-4.85	1.50	0.00	2.45	
3900.00	4.50	292.00	3899.69	4.41	-10.92	1.50	0.00	5.51	
4000.00	6.00	292.00	3999.27	7.84	-19.40	1.50	0.00	9.79	
4100.00	7.50	292.00	4098.57	12.24	-30.30	1.50	0.00	15.29	
4200.00	9.00	292.00	4197.54	17.62	-43.60	1.50	0.00	22.00	
4253.33	9.80	292.00	4250.15	20.88	-51.68	1.50	0.00	26.07	HOLD TO KOP
4300.00	9.80	292.00	4296.14	23.86	-59.04	0.00	0.00	29.79	
4400.00	9.80	292.00	4394.68	30.23	-74.83	0.00	0.00	37.75	
4500.00	9.80	292.00	4493.22	36.61	-90.61	0.00	0.00	45.71	
4600.00	9.80	292.00	4591.76	42.98	-106.39	0.00	0.00	53.67	
4700.00	9.80	292.00	4690.30	49.36	-122.17	0.00	0.00	61.64	
4800.00	9.80	292.00	4788.84	55.74	-137.95	0.00	0.00	69.60	
4900.00	9.80	292.00	4887.38	62.11	-153.73	0.00	0.00	77.56	
5000.00	9.80	292.00	4985.92	68.49	-169.51	0.00	0.00	85.52	
5100.00	9.80	292.00	5084.46	74.86	-185.30	0.00	0.00	93.48	
5200.00	9.80	292.00	5183.01	81.24	-201.08	0.00	0.00	101.45	
5300.00	9.80	292.00	5281.55	87.62	-216.86	0.00	0.00	109.41	
5311.62	9.80	292.00	5293.00	88.36	-218.69	0.00	0.00	110.33	TRONA :
5346.13	9.80	292.00	5327.00	90.56	-224.14	0.00	0.00	113.08	MAHOGANY BENCH :

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Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
5400.00	9.80	292.00	5380.09	93.99	-232.64	0.00	0.00	117.37	
5500.00	9.80	292.00	5478.63	100.37	-248.42	0.00	0.00	125.33	
5600.00	9.80	292.00	5577.17	106.75	-264.20	0.00	0.00	133.29	
5700.00	9.80	292.00	5675.71	113.12	-279.99	0.00	0.00	141.26	
5800.00	9.80	292.00	5774.25	119.50	-295.77	0.00	0.00	149.22	
5900.00	9.80	292.00	5872.79	125.87	-311.55	0.00	0.00	157.18	
6000.00	9.80	292.00	5971.33	132.25	-327.33	0.00	0.00	165.14	
6100.00	9.80	292.00	6069.87	138.63	-343.11	0.00	0.00	173.10	
6145.80	9.80	292.00	6115.00	141.55	-350.34	0.00	0.00	176.75	GARDEN GULCH (GG) :
6200.00	9.80	292.00	6168.41	145.00	-358.89	0.00	0.00	181.07	
6300.00	9.80	292.00	6266.95	151.38	-374.67	0.00	0.00	189.03	
6400.00	9.80	292.00	6365.49	157.75	-390.46	0.00	0.00	196.99	
6400.51	9.80	292.00	6366.00	157.79	-390.54	0.00	0.00	197.03	GARDEN GULCH 1 :
6500.00	9.80	292.00	6464.04	164.13	-406.24	0.00	0.00	204.95	
6564.91	9.80	292.00	6528.00	168.27	-416.48	0.00	0.00	210.12	GARDEN GULCH 2 :
6600.00	9.80	292.00	6562.58	170.51	-422.02	0.00	0.00	212.91	
6700.00	9.80	292.00	6661.12	176.88	-437.80	0.00	0.00	220.88	
6800.00	9.80	292.00	6759.66	183.26	-453.58	0.00	0.00	228.84	
6900.00	9.80	292.00	6858.20	189.64	-469.36	0.00	0.00	236.80	
7000.00	9.80	292.00	6956.74	196.01	-485.15	0.00	0.00	244.76	
7100.00	9.80	292.00	7055.28	202.39	-500.93	0.00	0.00	252.72	
7200.00	9.80	292.00	7153.82	208.76	-516.71	0.00	0.00	260.69	
7271.22	9.80	292.00	7224.00	213.30	-527.95	0.00	0.00	266.36	DOUGLAS CREEK MEMBER :
7300.00	9.80	292.00	7252.36	215.14	-532.49	0.00	0.00	268.65	
7400.00	9.80	292.00	7350.90	221.52	-548.27	0.00	0.00	276.61	
7500.00	9.80	292.00	7449.44	227.89	-564.05	0.00	0.00	284.57	
7600.00	9.80	292.00	7547.98	234.27	-579.83	0.00	0.00	292.53	
7700.00	9.80	292.00	7646.52	240.64	-595.62	0.00	0.00	300.50	
7800.00	9.80	292.00	7745.07	247.02	-611.40	0.00	0.00	308.46	
7900.00	9.80	292.00	7843.61	253.40	-627.18	0.00	0.00	316.42	
8000.00	9.80	292.00	7942.15	259.77	-642.96	0.00	0.00	324.38	
8061.75	9.80	292.00	8003.00	263.71	-652.71	0.00	0.00	329.30	LOWER BLACK SHALE :
8100.00	9.80	292.00	8040.69	266.15	-658.74	0.00	0.00	332.34	
8164.25	9.80	292.00	8104.00	270.25	-668.88	0.00	0.00	337.46	CASTLE PEAK LIMESTONE :
8200.00	9.80	292.00	8139.23	272.53	-674.52	0.00	0.00	340.31	
8300.00	9.80	292.00	8237.77	278.90	-690.31	0.00	0.00	348.27	
8315.46	9.80	292.00	8253.00	279.89	-692.75	0.00	0.00	349.50	CP LIMES :
8399.75	9.80	292.00	8336.06	285.26	-706.05	0.00	0.00	356.21	KOP @ 8.5°/100

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
8400.00	9.81	292.12	8336.31	285.28	-706.09	8.50	69.97	356.23	
8468.00	12.97	317.02	8403.00	293.05	-716.67	8.50	69.85	365.05	UTELAND BUTTE :
8500.00	15.01	324.52	8434.05	299.05	-721.52	8.50	45.42	371.52	
8600.00	22.30	338.44	8528.78	327.30	-736.04	8.50	38.14	401.10	
8608.91	22.99	339.25	8537.00	330.50	-737.27	8.50	24.92	404.41	WASATCH :
8700.00	30.22	345.55	8618.41	369.39	-749.31	8.50	24.17	444.33	
8796.21	38.05	349.75	8698.00	422.10	-760.65	8.50	18.53	497.93	WASATCH 10 :
8800.00	38.36	349.89	8700.98	424.40	-761.07	8.50	15.04	500.26	
8900.00	46.62	352.89	8774.66	491.14	-771.03	8.50	14.93	567.66	
8907.82	47.27	353.09	8780.00	496.81	-771.73	8.50	12.71	573.38	WASATCH 12 :
9000.00	54.93	355.17	8837.85	568.11	-778.99	8.50	12.57	645.05	
9100.00	63.28	357.02	8889.15	653.65	-784.77	8.50	11.27	730.73	
9144.89	67.04	357.76	8908.00	694.34	-786.62	8.50	10.31	771.40	WASATCH 15 :
9200.00	71.65	358.62	8927.43	745.87	-788.24	8.50	10.00	822.82	
9274.58	77.91	359.71	8947.00	817.78	-789.28	8.50	9.70	894.46	WASATCH BASE LIME :
9300.00	80.04	0.07	8951.86	842.74	-789.33	8.50	9.41	919.29	
9393.34	87.87	1.35	8961.69	935.48	-788.17	8.50	9.34	1011.42	
9400.00	87.87	1.35	8961.94	942.13	-788.02	0.00	0.00	1018.02	
9500.00	87.89	1.35	8965.63	1042.03	-785.66	0.02	0.00	1117.16	
9600.00	87.91	1.35	8969.29	1141.94	-783.30	0.02	0.00	1216.29	
9652.11	87.81	1.34	8971.31	1194.00	-782.07	0.19	185.12	1267.95	TOP OF PROD. INTERVAL
9700.00	87.82	1.25	8973.14	1241.84	-780.99	0.20	270.88	1315.43	
9800.00	87.82	1.05	8976.94	1341.75	-778.99	0.20	270.88	1414.60	
9900.00	87.82	0.85	8980.75	1441.66	-777.33	0.20	270.89	1513.82	
10000.00	87.83	0.65	8984.54	1541.58	-776.03	0.20	270.89	1613.08	
10100.00	87.83	0.45	8988.33	1641.50	-775.08	0.20	270.90	1712.37	
10200.00	87.83	0.25	8992.12	1741.43	-774.47	0.20	270.91	1811.71	
10300.00	87.84	0.05	8995.90	1841.36	-774.22	0.20	270.92	1911.09	
10400.00	87.84	359.85	8999.67	1941.29	-774.31	0.20	270.92	2010.50	
10500.00	87.84	359.65	9003.44	2041.21	-774.75	0.20	270.93	2109.94	
10600.00	87.84	359.45	9007.21	2141.14	-775.54	0.20	270.94	2209.42	
10700.00	87.85	359.25	9010.96	2241.06	-776.68	0.20	270.95	2308.93	
10800.00	87.85	359.05	9014.72	2340.98	-778.17	0.20	270.95	2408.48	
10900.00	87.85	358.85	9018.46	2440.89	-780.01	0.20	270.96	2508.05	
11000.00	87.86	358.65	9022.20	2540.80	-782.19	0.20	270.97	2607.65	
11100.00	87.86	358.45	9025.94	2640.70	-784.73	0.20	270.98	2707.29	
11200.00	87.87	358.25	9029.66	2740.59	-787.61	0.20	270.98	2806.94	
11300.00	87.87	358.05	9033.39	2840.47	-790.85	0.20	270.99	2906.63	
11400.00	87.87	357.85	9037.10	2940.33	-794.43	0.20	271.00	3006.33	
11452.89	87.87	357.74	9039.06	2993.15	-796.47	0.20	271.01	3059.08	

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
11500.00	87.87	357.74	9040.81	3040.19	-798.32	0.00	0.00	3106.06	
11600.00	87.87	357.74	9044.52	3140.04	-802.26	0.00	0.00	3205.79	
11700.00	87.87	357.74	9048.23	3239.89	-806.20	0.00	0.00	3305.52	
11800.00	87.87	357.74	9051.94	3339.75	-810.15	0.00	0.00	3405.25	
11900.00	87.87	357.74	9055.65	3439.60	-814.09	0.00	0.00	3504.98	
12000.00	87.87	357.74	9059.36	3539.45	-818.03	0.00	0.00	3604.71	
12100.00	87.87	357.74	9063.07	3639.31	-821.97	0.00	0.00	3704.44	
12200.00	87.87	357.74	9066.78	3739.16	-825.91	0.00	0.00	3804.18	
12300.00	87.87	357.74	9070.49	3839.01	-829.85	0.00	0.00	3903.91	
12400.00	87.87	357.74	9074.20	3938.87	-833.79	0.00	0.00	4003.64	
12500.00	87.87	357.74	9077.91	4038.72	-837.73	0.00	0.00	4103.37	
12600.00	87.87	357.74	9081.62	4138.57	-841.67	0.00	0.00	4203.10	
12700.00	87.87	357.74	9085.33	4238.43	-845.62	0.00	0.00	4302.83	
12800.00	87.87	357.74	9089.04	4338.28	-849.56	0.00	0.00	4402.56	
12900.00	87.87	357.74	9092.75	4438.14	-853.50	0.00	0.00	4502.29	
13000.00	87.87	357.74	9096.46	4537.99	-857.44	0.00	0.00	4602.02	
13100.00	87.87	357.74	9100.17	4637.84	-861.38	0.00	0.00	4701.75	
13200.00	87.87	357.74	9103.88	4737.70	-865.32	0.00	0.00	4801.48	
13300.00	87.87	357.74	9107.58	4837.55	-869.26	0.00	0.00	4901.21	
13400.00	87.87	357.74	9111.29	4937.40	-873.20	0.00	0.00	5000.94	
13500.00	87.87	357.74	9115.00	5037.26	-877.14	0.00	0.00	5100.67	
13600.00	87.87	357.74	9118.71	5137.11	-881.09	0.00	0.00	5200.41	
13700.00	87.87	357.74	9122.42	5236.96	-885.03	0.00	0.00	5300.14	
13800.00	87.87	357.74	9126.13	5336.82	-888.97	0.00	0.00	5399.87	
13900.00	87.87	357.74	9129.84	5436.67	-892.91	0.00	0.00	5499.60	
14000.00	87.87	357.74	9133.55	5536.52	-896.85	0.00	0.00	5599.33	
14100.00	87.87	357.74	9137.26	5636.38	-900.79	0.00	0.00	5699.06	
14200.00	87.87	357.74	9140.97	5736.23	-904.73	0.00	0.00	5798.79	
14300.00	87.87	357.74	9144.68	5836.08	-908.67	0.00	0.00	5898.52	
14400.00	87.87	357.74	9148.39	5935.94	-912.61	0.00	0.00	5998.25	
14500.00	87.87	357.74	9152.10	6035.79	-916.55	0.00	0.00	6097.98	
14600.00	87.87	357.74	9155.81	6135.64	-920.50	0.00	0.00	6197.71	
14700.00	87.87	357.74	9159.52	6235.50	-924.44	0.00	0.00	6297.44	
14800.00	87.87	357.74	9163.23	6335.35	-928.38	0.00	0.00	6397.17	
14900.00	87.87	357.74	9166.94	6435.20	-932.32	0.00	0.00	6496.90	
15000.00	87.87	357.74	9170.65	6535.06	-936.26	0.00	0.00	6596.63	
15100.00	87.87	357.74	9174.36	6634.91	-940.20	0.00	0.00	6696.37	
15200.00	87.87	357.74	9178.07	6734.76	-944.14	0.00	0.00	6796.10	
15300.00	87.87	357.74	9181.78	6834.62	-948.08	0.00	0.00	6895.83	
15400.00	87.87	357.74	9185.49	6934.47	-952.02	0.00	0.00	6995.56	
15500.00	87.87	357.74	9189.20	7034.32	-955.97	0.00	0.00	7095.29	

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
15600.00	87.87	357.74	9192.91	7134.18	-959.91	0.00	0.00	7195.02	
15700.00	87.87	357.74	9196.61	7234.03	-963.85	0.00	0.00	7294.75	
15800.00	87.87	357.74	9200.32	7333.88	-967.79	0.00	0.00	7394.48	
15900.00	87.87	357.74	9204.03	7433.74	-971.73	0.00	0.00	7494.21	
16000.00	87.87	357.74	9207.74	7533.59	-975.67	0.00	0.00	7593.94	
16100.00	87.87	357.74	9211.45	7633.44	-979.61	0.00	0.00	7693.67	
16200.00	87.87	357.74	9215.16	7733.30	-983.55	0.00	0.00	7793.40	
16300.00	87.87	357.74	9218.87	7833.15	-987.49	0.00	0.00	7893.13	
16400.00	87.87	357.74	9222.58	7933.01	-991.44	0.00	0.00	7992.86	
16500.00	87.87	357.74	9226.29	8032.86	-995.38	0.00	0.00	8092.60	
16600.00	87.87	357.74	9230.00	8132.71	-999.32	0.00	0.00	8192.33	
16700.00	87.87	357.74	9233.71	8232.57	-1003.26	0.00	0.00	8292.06	
16800.00	87.87	357.74	9237.42	8332.42	-1007.20	0.00	0.00	8391.79	
16900.00	87.87	357.74	9241.13	8432.27	-1011.14	0.00	0.00	8491.52	
17000.00	87.87	357.74	9244.84	8532.13	-1015.08	0.00	0.00	8591.25	
17100.00	87.87	357.74	9248.55	8631.98	-1019.02	0.00	0.00	8690.98	
17200.00	87.87	357.74	9252.26	8731.83	-1022.96	0.00	0.00	8790.71	
17300.00	87.87	357.74	9255.97	8831.69	-1026.91	0.00	0.00	8890.44	
17400.00	87.87	357.74	9259.68	8931.54	-1030.85	0.00	0.00	8990.17	
17500.00	87.87	357.74	9263.39	9031.39	-1034.79	0.00	0.00	9089.90	
17600.00	87.87	357.74	9267.10	9131.25	-1038.73	0.00	0.00	9189.63	
17700.00	87.87	357.74	9270.81	9231.10	-1042.67	0.00	0.00	9289.36	
17800.00	87.87	357.74	9274.52	9330.95	-1046.61	0.00	0.00	9389.09	
17900.00	87.87	357.74	9278.23	9430.81	-1050.55	0.00	0.00	9488.83	
18000.00	87.87	357.74	9281.94	9530.66	-1054.49	0.00	0.00	9588.56	
18100.00	87.87	357.74	9285.64	9630.51	-1058.43	0.00	0.00	9688.29	
18200.00	87.87	357.74	9289.35	9730.37	-1062.37	0.00	0.00	9788.02	
18300.00	87.87	357.74	9293.06	9830.22	-1066.32	0.00	0.00	9887.75	
18400.00	87.87	357.74	9296.77	9930.07	-1070.26	0.00	0.00	9987.48	
18500.00	87.87	357.74	9300.48	10029.93	-1074.20	0.00	0.00	10087.21	
18600.00	87.87	357.74	9304.19	10129.78	-1078.14	0.00	0.00	10186.94	
18700.00	87.87	357.74	9307.90	10229.63	-1082.08	0.00	0.00	10286.67	
18800.00	87.87	357.74	9311.61	10329.49	-1086.02	0.00	0.00	10386.40	
18900.00	87.87	357.74	9315.32	10429.34	-1089.96	0.00	0.00	10486.13	
19000.00	87.87	357.74	9319.03	10529.19	-1093.90	0.00	0.00	10585.86	
19100.00	87.87	357.74	9322.74	10629.05	-1097.84	0.00	0.00	10685.59	
19106.99	87.87	357.74	9323.00	10636.03	-1098.12	0.00	0.00	10692.57	TD @ 19106.9' MD

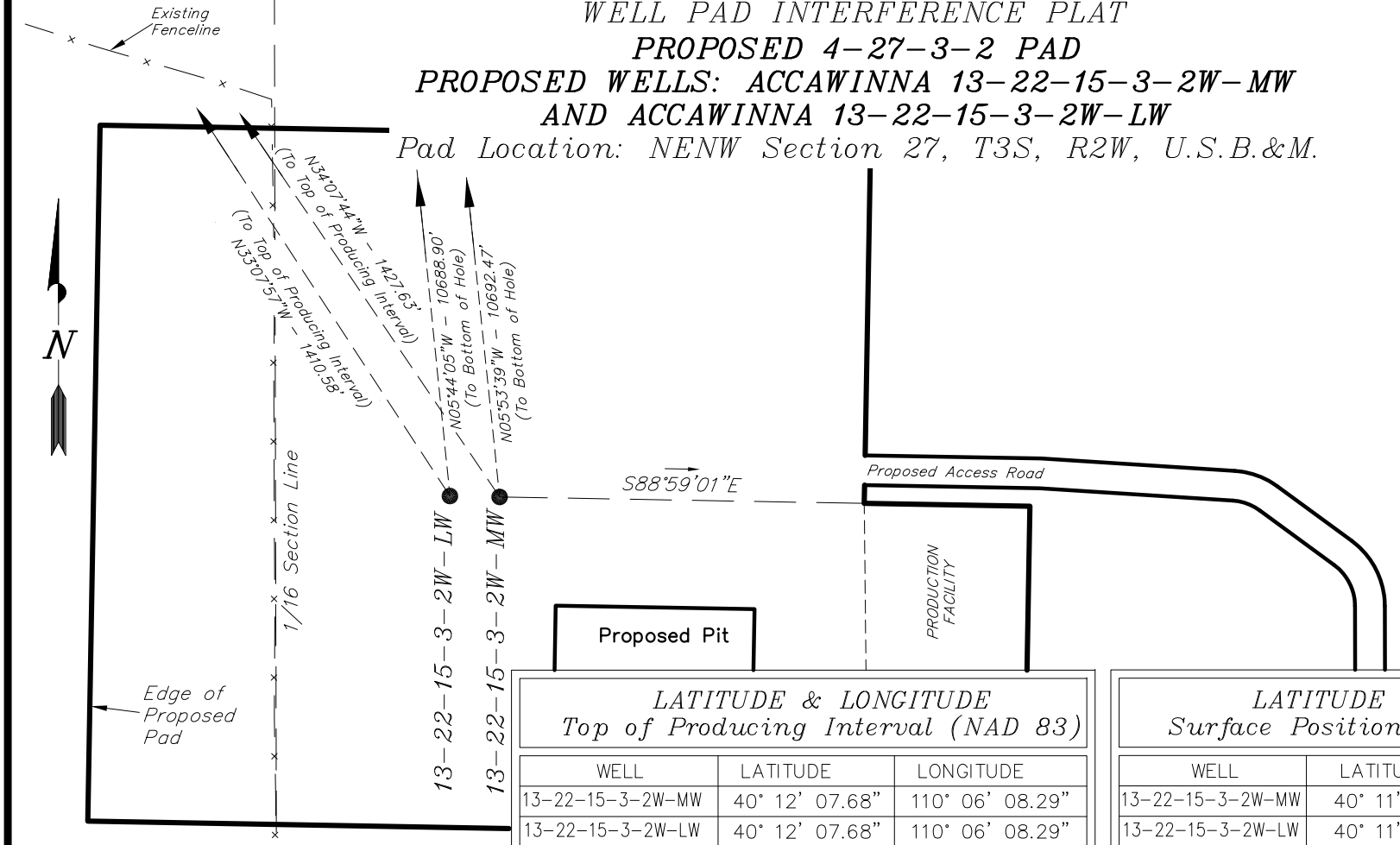
RECEIVED: Jul. 17, 2014

Formation Points (Relative to centre, TVD relative to Drill Floor)		
Name	MD (US ft)	TVD (US ft)
GREEN RIVER	3283.00	3283.00
TRONA	5311.62	5293.00
MAHOGANY BENCH	5346.13	5327.00
GARDEN GULCH (GG)	6145.80	6115.00
GARDEN GULCH 1	6400.51	6366.00
GARDEN GULCH 2	6564.91	6528.00
DOUGLAS CREEK MEMBER	7271.22	7224.00
LOWER BLACK SHALE	8061.75	8003.00
CASTLE PEAK LIMESTONE	8164.25	8104.00
CP LIMES	8315.46	8253.00
UTELAND BUTTE	8468.00	8403.00
WASATCH	8608.91	8537.00
WASATCH 10	8796.21	8698.00
WASATCH 12	8907.82	8780.00
WASATCH 15	9144.89	8908.00
WASATCH BASE LIME	9274.58	8947.00
WASATCH TARGET	-1.#J	5145.50

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT
PROPOSED 4-27-3-2 PAD
PROPOSED WELLS: ACCAWINNA 13-22-15-3-2W-MW AND ACCAWINNA 13-22-15-3-2W-LW

Pad Location: NENW Section 27, T3S, R2W, U.S.B.&M.



TOP HOLE FOOTAGES

13-22-15-3-2W-MW
544' FNL & 1445' FWL

13-22-15-3-2W-LW
543' FNL & 1415' FWL

TOP OF PRODUCING INTERVAL FOOTAGES

13-22-15-3-2W-MW
660' FSL & 660' FWL

13-22-15-3-2W-LW
660' FSL & 660' FWL

BOTTOM OF PRODUCING INTERVAL FOOTAGES

13-22-15-3-2W-MW
660' FNL & 660' FWL

13-22-15-3-2W-LW
660' FNL & 660' FWL

BOTTOM HOLE FOOTAGES

13-22-15-3-2W-MW
525 FNL & 660' FWL

13-22-15-3-2W-LW
525' FNL & 660' FWL

Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Top of Producing Interval (NAD 83)

WELL	LATITUDE	LONGITUDE
13-22-15-3-2W-MW	40° 12' 07.68"	110° 06' 08.29"
13-22-15-3-2W-LW	40° 12' 07.68"	110° 06' 08.29"

LATITUDE & LONGITUDE
Surface Position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
13-22-15-3-2W-MW	40° 11' 55.88"	110° 05' 58.21"
13-22-15-3-2W-LW	40° 11' 55.89"	110° 05' 58.60"

LATITUDE & LONGITUDE
Bottom of Producing Interval (NAD 83)

WELL	LATITUDE	LONGITUDE
13-22-15-3-2W-MW	40° 13' 39.78"	110° 06' 10.19"
13-22-15-3-2W-LW	40° 13' 39.78"	110° 06' 10.19"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
13-22-15-3-2W-MW	40° 13' 41.11"	110° 06' 10.22"
13-22-15-3-2W-LW	40° 13' 41.11"	110° 06' 10.22"

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
13-22-15-3-2W-MW	10,636'	-1,098'
13-22-15-3-2W-LW	10,635'	-1,068'

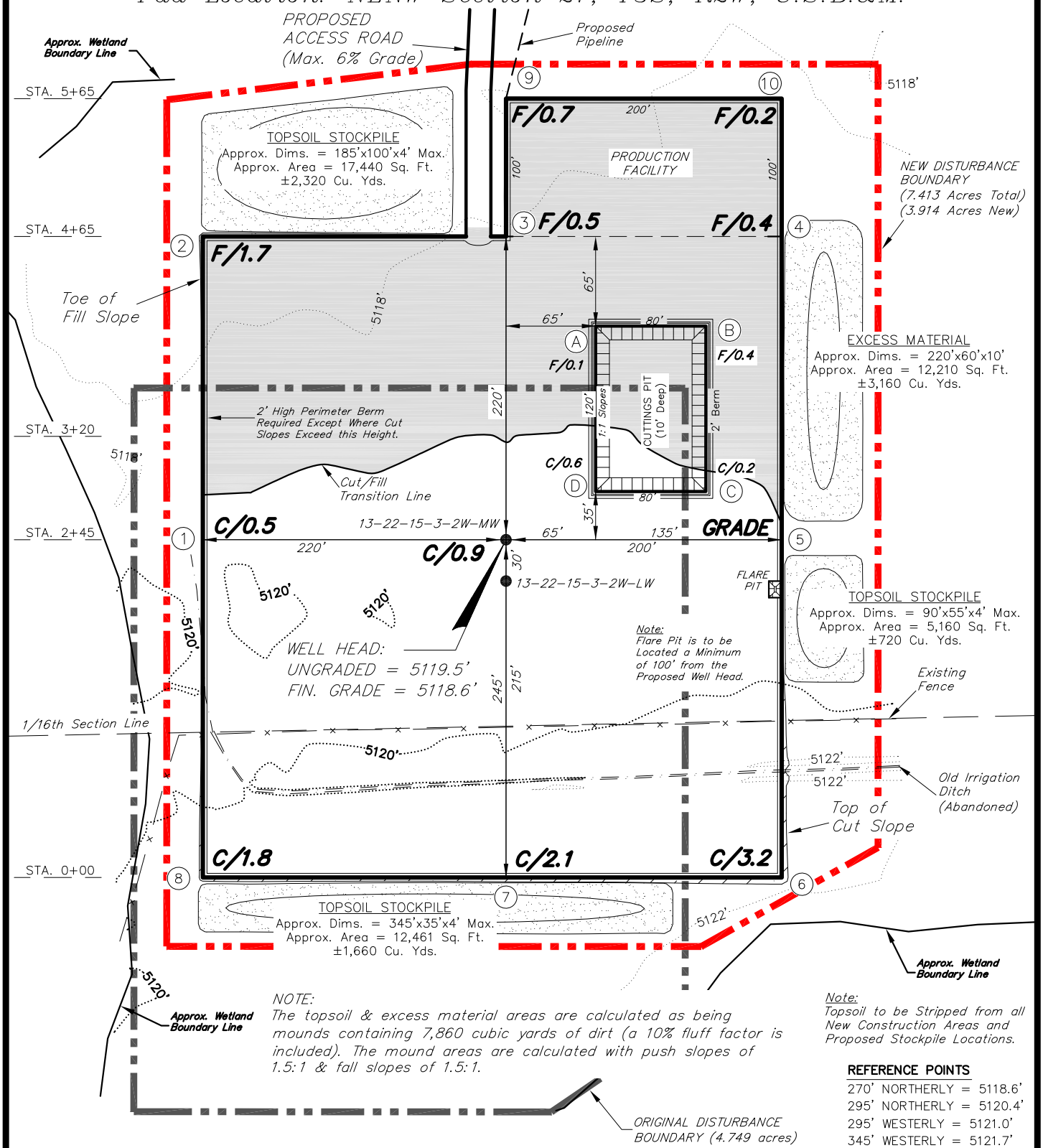
SURVEYED BY: Q.M.	DATE SURVEYED: 12-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-18-11	V7	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 100'	REVISED: V.H. 06-12-14		

RECEIVED: Jul. 17, 2014

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT
PROPOSED 4-27-3-2 PAD
PROPOSED WELLS: ACCAWINNA 13-22-15-3-2W-MW AND ACCAWINNA 13-22-15-3-2W-LW

Pad Location: NENW Section 27, T3S, R2W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 7,860 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Note:
Topsoil to be Stripped from all New Construction Areas and Proposed Stockpile Locations.

REFERENCE POINTS
270' NORTHERLY = 5118.6'
295' NORTHERLY = 5120.4'
295' WESTERLY = 5121.0'
345' WESTERLY = 5121.7'

SURVEYED BY: Q.M.	DATE SURVEYED: 12-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M	DATE DRAWN: 11-18-11	V7	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 100'	REVISED: V.H. 06-12-14		

RECEIVED: Jul. 17, 2014

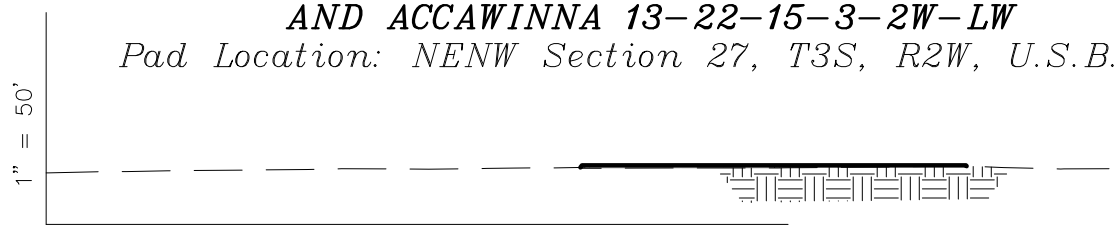
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

PROPOSED 4-27-3-2 PAD

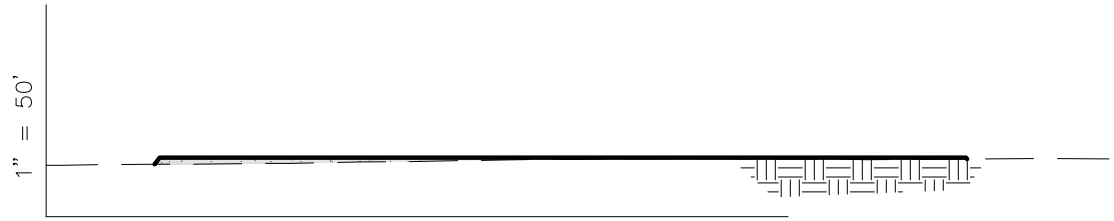
PROPOSED WELLS: ACCAWINNA 13-22-15-3-2W-MW AND ACCAWINNA 13-22-15-3-2W-LW

Pad Location: NENW Section 27, T3S, R2W, U.S.B.&M.



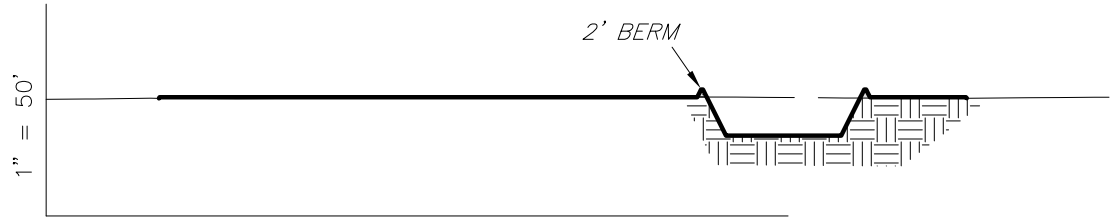
1" = 100'

STA. 5+65



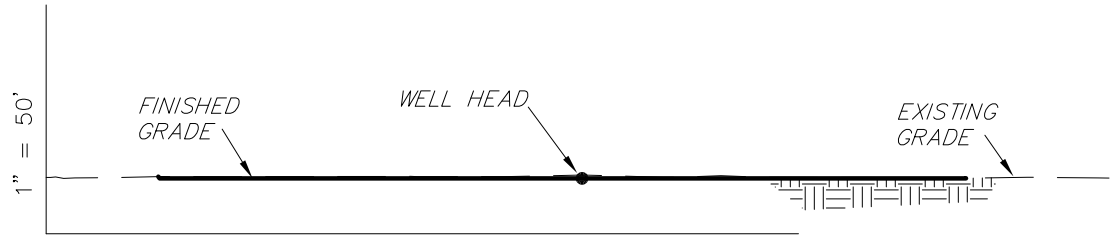
1" = 100'

STA. 4+65



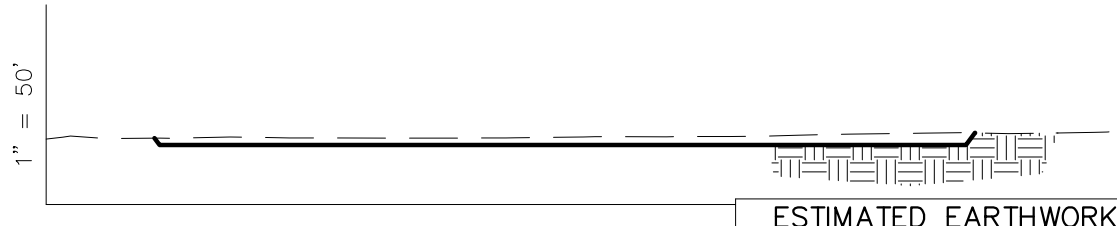
1" = 100'

STA. 3+20



1" = 100'

STA. 2+45



1" = 100'

STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,140	3,140	Topsoil is not included in Pad Cut Volume	0
PIT	2,870	0		2,870
TOTALS	6,010	3,140	4,280	2,870

SURVEYED BY: Q.M.	DATE SURVEYED: 12-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M	DATE DRAWN: 11-18-11	V7	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 100'	REVISED: V.H. 06-12-14		

RECEIVED: Jul. 17, 2014

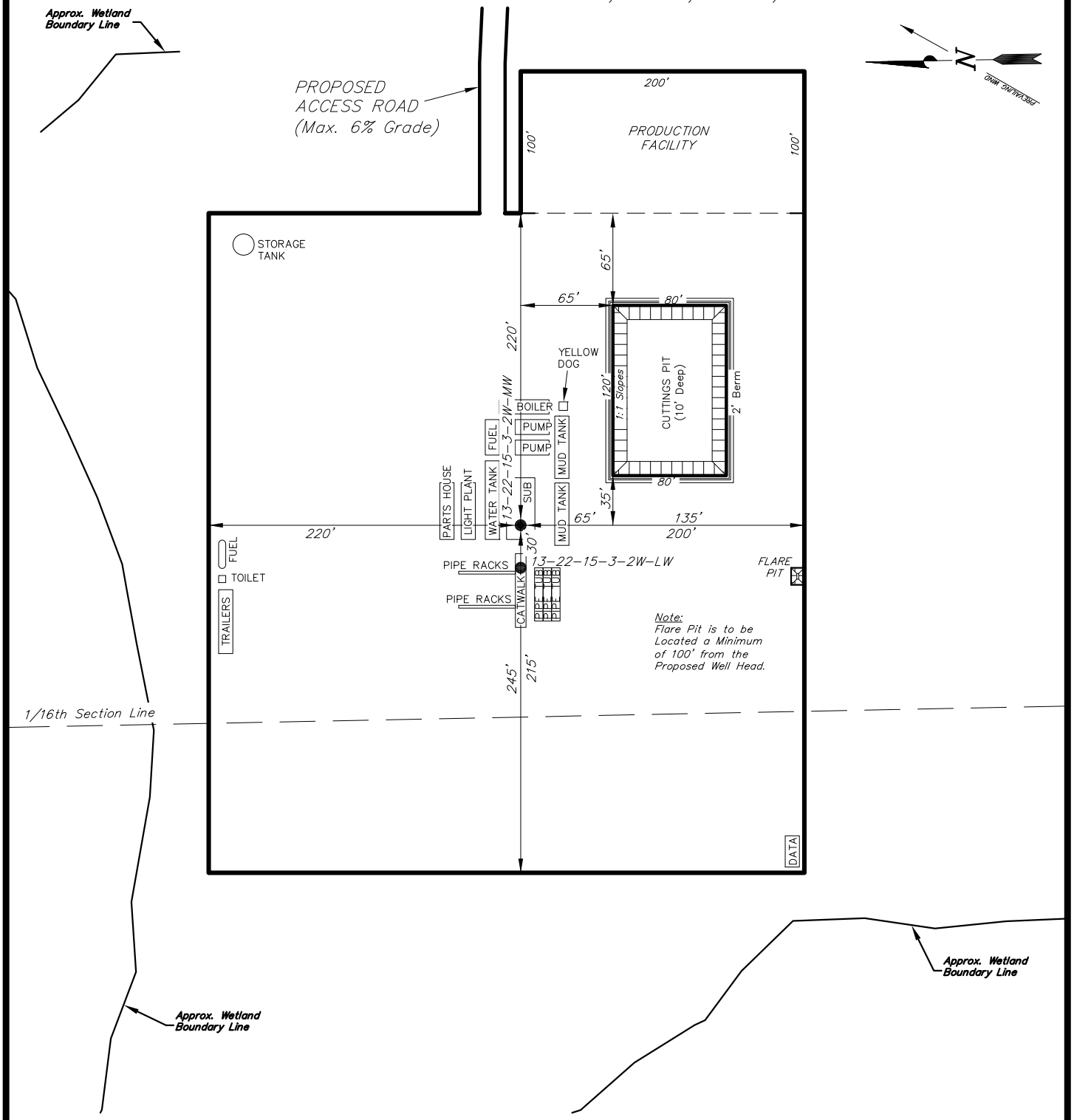
NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

PROPOSED 4-27-3-2 PAD

PROPOSED WELLS: ACCAWINNA 13-22-15-3-2W-MW AND ACCAWINNA 13-22-15-3-2W-LW

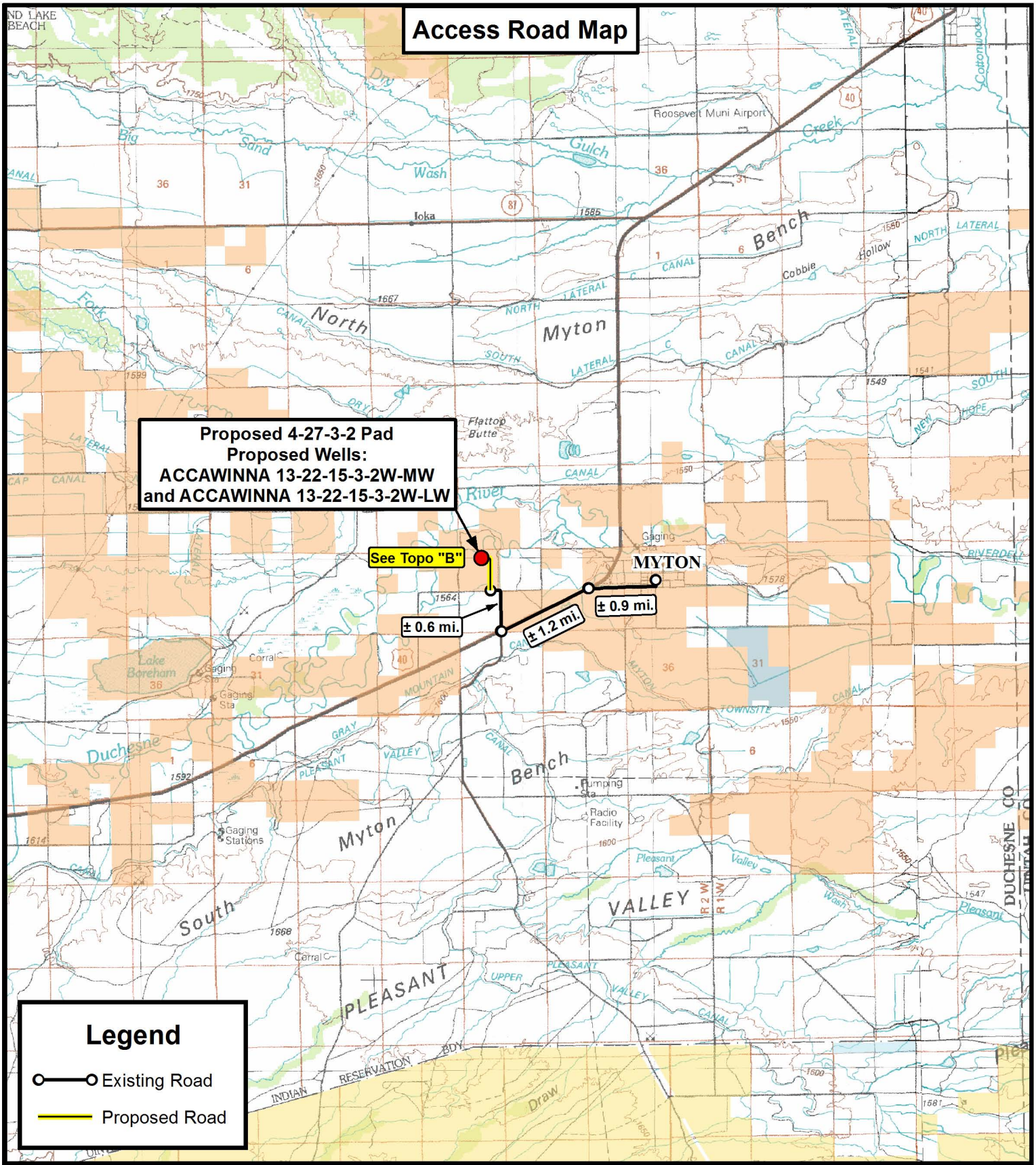
Pad Location: NENW Section 27, T3S, R2W, U.S.B.&M.



SURVEYED BY: Q.M.	DATE SURVEYED: 12-09-13	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M	DATE DRAWN: 11-18-11	V7	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 100'	REVISED: V.H. 06-12-14		

RECEIVED: Jul. 17, 2014

Access Road Map



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

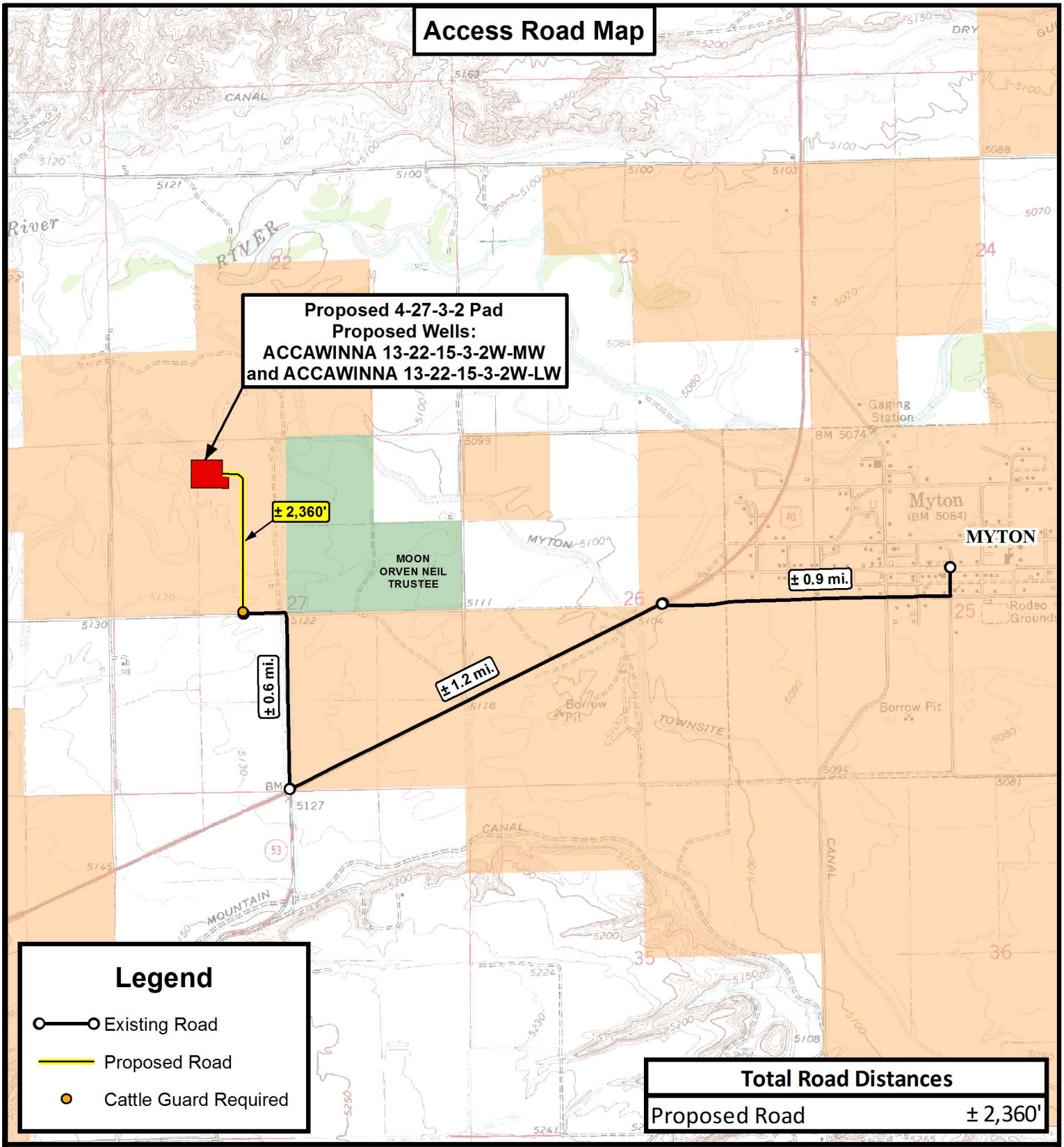
NEWFIELD EXPLORATION COMPANY
Proposed 4-27-3-2 Pad
Proposed Wells: ACCAWINNA 13-22-15-3-2W-MW
and ACCAWINNA 13-22-15-3-2W-LW
Sec. 27, T3S, R2W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 06-12-14 A.P.C.	VERSION:
DATE:	11-18-2011		V7
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

Access Road Map



Legend

- Existing Road
- Proposed Road
- Cattle Guard Required

Total Road Distances	
Proposed Road	± 2,360'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

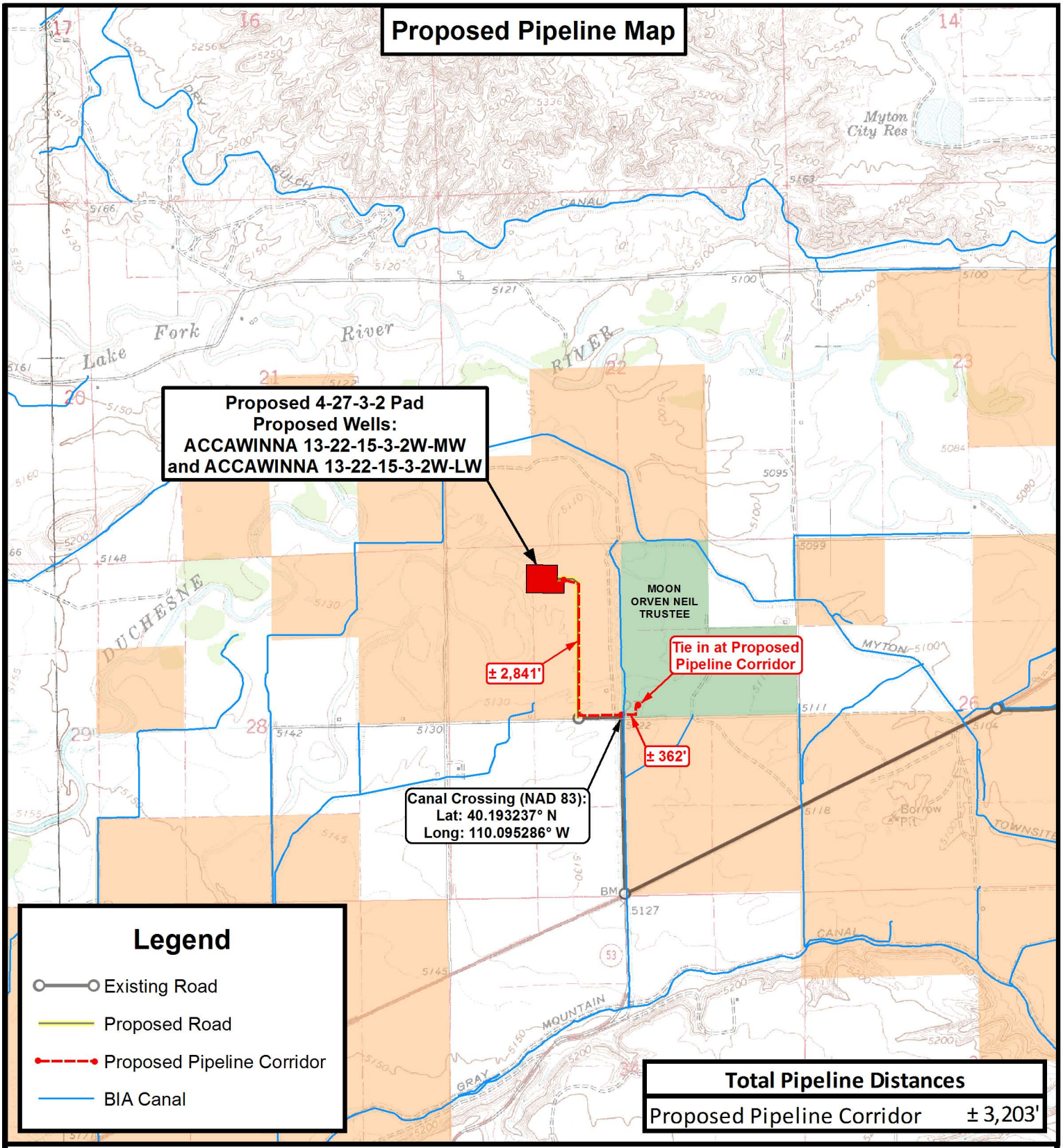
NEWFIELD EXPLORATION COMPANY
Proposed 4-27-3-2 Pad
Proposed Wells: ACCAWINNA 13-22-15-3-2W-MW
and ACCAWINNA 13-22-15-3-2W-LW
Sec. 27, T3S, R2W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 06-12-14 A.P.C.	VERSION:
DATE:	11-18-2011		V7
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Road
- Proposed Pipeline Corridor
- BIA Canal

Total Pipeline Distances	
Proposed Pipeline Corridor	± 3,203'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

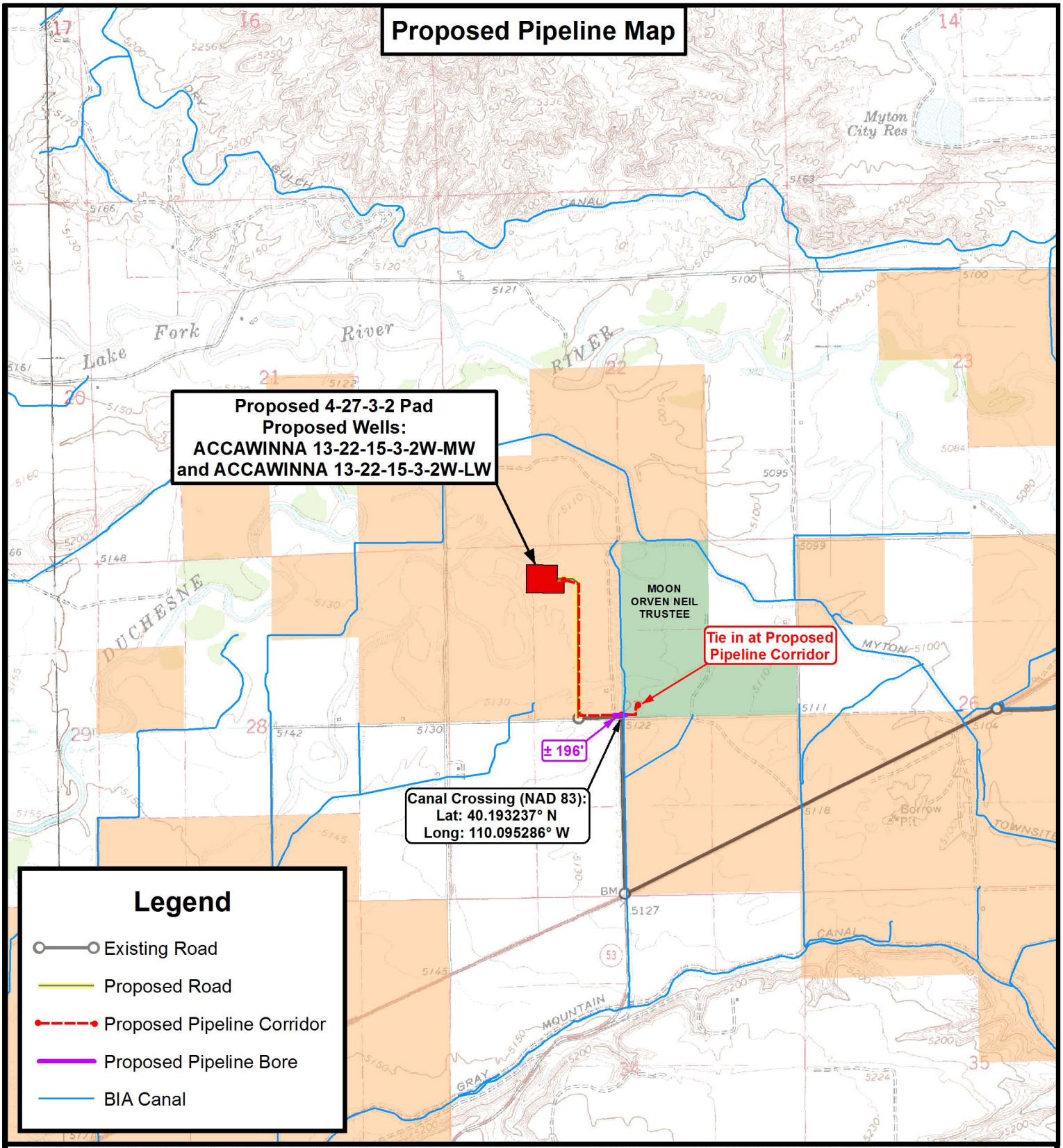
NEWFIELD EXPLORATION COMPANY
Proposed 4-27-3-2 Pad
Proposed Wells: ACCAWINNA 13-22-15-3-2W-MW
and ACCAWINNA 13-22-15-3-2W-LW
Sec. 27, T3S, R2W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 06-12-14 A.P.C.	VERSION:
DATE:	11-18-2011		V7
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C1

Proposed Pipeline Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

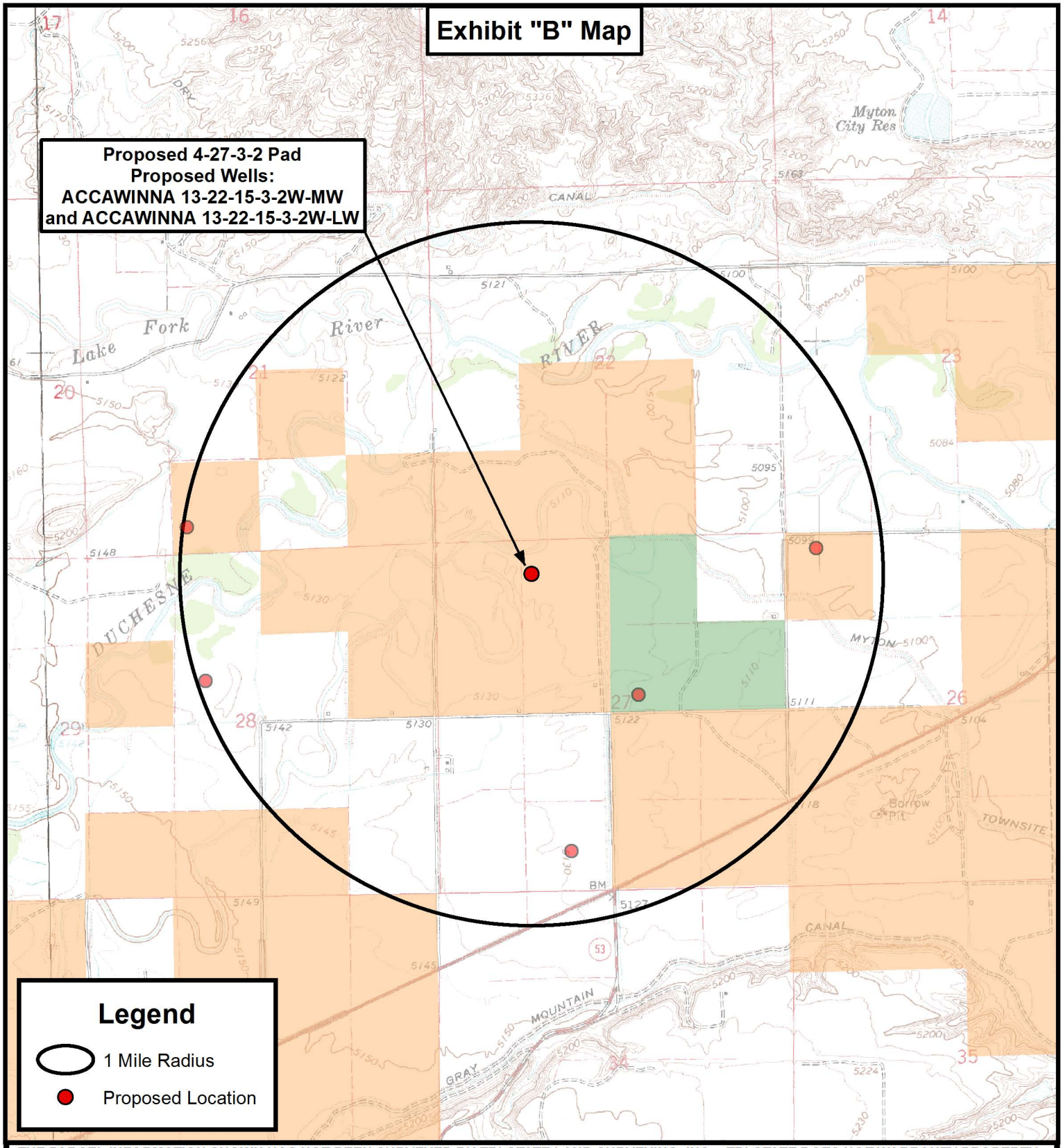
Proposed 4-27-3-2 Pad
Proposed Wells: ACCAWINNA 13-22-15-3-2W-MW
and ACCAWINNA 13-22-15-3-2W-LW
Sec. 27, T3S, R2W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 06-12-14 A.P.C.	VERSION:
DATE:	11-18-2011		V7
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C2

Exhibit "B" Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

Proposed 4-27-3-2 Pad
Proposed Wells: ACCAWINNA 13-22-15-3-2W-MW
and ACCAWINNA 13-22-15-3-2W-LW
Sec. 27, T3S, R2W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 06-12-14 A.P.C.	VERSION:
DATE:	11-18-2011		V7
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
ACCAWINNA 13-22-15-3-2W-MW	Surface Hole	40° 11' 55.88" N	110° 05' 58.21" W
ACCAWINNA 13-22-15-3-2W-LW	Surface Hole	40° 11' 55.89" N	110° 05' 58.60" W
ACCAWINNA 13-22-15-3-2W-MW	Top of Producing Interval	40° 12' 07.68" N	110° 06' 08.29" W
ACCAWINNA 13-22-15-3-2W-LW	Top of Producing Interval	40° 12' 07.68" N	110° 06' 08.29" W
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Producing Interval	40° 13' 39.78" N	110° 06' 10.19" W
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Producing Interval	40° 13' 39.78" N	110° 06' 10.19" W
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Hole	40° 13' 41.11" N	110° 06' 10.22" W
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Hole	40° 13' 41.11" N	110° 06' 10.22" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
ACCAWINNA 13-22-15-3-2W-MW	Surface Hole	40.198856	110.099504
ACCAWINNA 13-22-15-3-2W-LW	Surface Hole	40.198858	110.099611
ACCAWINNA 13-22-15-3-2W-MW	Top of Producing Interval	40.202133	110.102304
ACCAWINNA 13-22-15-3-2W-LW	Top of Producing Interval	40.202133	110.102304
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Producing Interval	40.227716	110.102831
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Producing Interval	40.227716	110.102831
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Hole	40.228087	110.102838
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Hole	40.228087	110.102838

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
ACCAWINNA 13-22-15-3-2W-MW	Surface Hole	4450217.398	576643.178
ACCAWINNA 13-22-15-3-2W-LW	Surface Hole	4450217.610	576634.042
ACCAWINNA 13-22-15-3-2W-MW	Top of Producing Interval	4450578.723	576401.173
ACCAWINNA 13-22-15-3-2W-LW	Top of Producing Interval	4450578.723	576401.173
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Producing Interval	4453417.975	576327.617
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Producing Interval	4453417.975	576327.617
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Hole	4453459.084	576326.552
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Hole	4453459.084	576326.552

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

Proposed 4-27-3-2 Pad
Proposed Wells: ACCAWINNA 13-22-15-3-2W-MW and ACCAWINNA 13-22-15-3-2W-LW
Sec. 27, T3S, R2W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 06-12-14 A.P.C.	COORDINATE REPORT
DATE:	11-25-2013		SHEET 1
VERSION:	V7		

RECEIVED: Jul. 17, 2014

Coordinate Report

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
ACCAWINNA 13-22-15-3-2W-MW	Surface Hole	40° 11' 56.03" N	110° 05' 55.67" W
ACCAWINNA 13-22-15-3-2W-LW	Surface Hole	40° 11' 56.04" N	110° 05' 56.06" W
ACCAWINNA 13-22-15-3-2W-MW	Top of Producing Interval	40° 12' 07.82" N	110° 06' 05.75" W
ACCAWINNA 13-22-15-3-2W-LW	Top of Producing Interval	40° 12' 07.82" N	110° 06' 05.75" W
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Producing Interval	40° 13' 39.93" N	110° 06' 07.65" W
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Producing Interval	40° 13' 39.93" N	110° 06' 07.65" W
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Hole	40° 13' 41.26" N	110° 06' 07.67" W
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Hole	40° 13' 41.26" N	110° 06' 07.67" W

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
ACCAWINNA 13-22-15-3-2W-MW	Surface Hole	40.198896	110.098797
ACCAWINNA 13-22-15-3-2W-LW	Surface Hole	40.198899	110.098905
ACCAWINNA 13-22-15-3-2W-MW	Top of Producing Interval	40.202173	110.101597
ACCAWINNA 13-22-15-3-2W-LW	Top of Producing Interval	40.202173	110.101597
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Producing Interval	40.227757	110.102124
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Producing Interval	40.227757	110.102124
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Hole	40.228128	110.102132
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Hole	40.228128	110.102132

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
ACCAWINNA 13-22-15-3-2W-MW	Surface Hole	4450012.084	576705.290
ACCAWINNA 13-22-15-3-2W-LW	Surface Hole	4450012.296	576696.154
ACCAWINNA 13-22-15-3-2W-MW	Top of Producing Interval	4450373.410	576463.281
ACCAWINNA 13-22-15-3-2W-LW	Top of Producing Interval	4450373.410	576463.281
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Producing Interval	4453212.665	576389.702
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Producing Interval	4453212.665	576389.702
ACCAWINNA 13-22-15-3-2W-MW	Bottom of Hole	4453253.774	576388.637
ACCAWINNA 13-22-15-3-2W-LW	Bottom of Hole	4453253.774	576388.637

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

Proposed 4-27-3-2 Pad
Proposed Wells: ACCAWINNA 13-22-15-3-2W-MW and ACCAWINNA 13-22-15-3-2W-LW
Sec. 27, T3S, R2W, U.S.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 06-12-14 A.P.C.	COORDINATE REPORT
DATE:	11-25-2013		SHEET 2
VERSION:	V7		

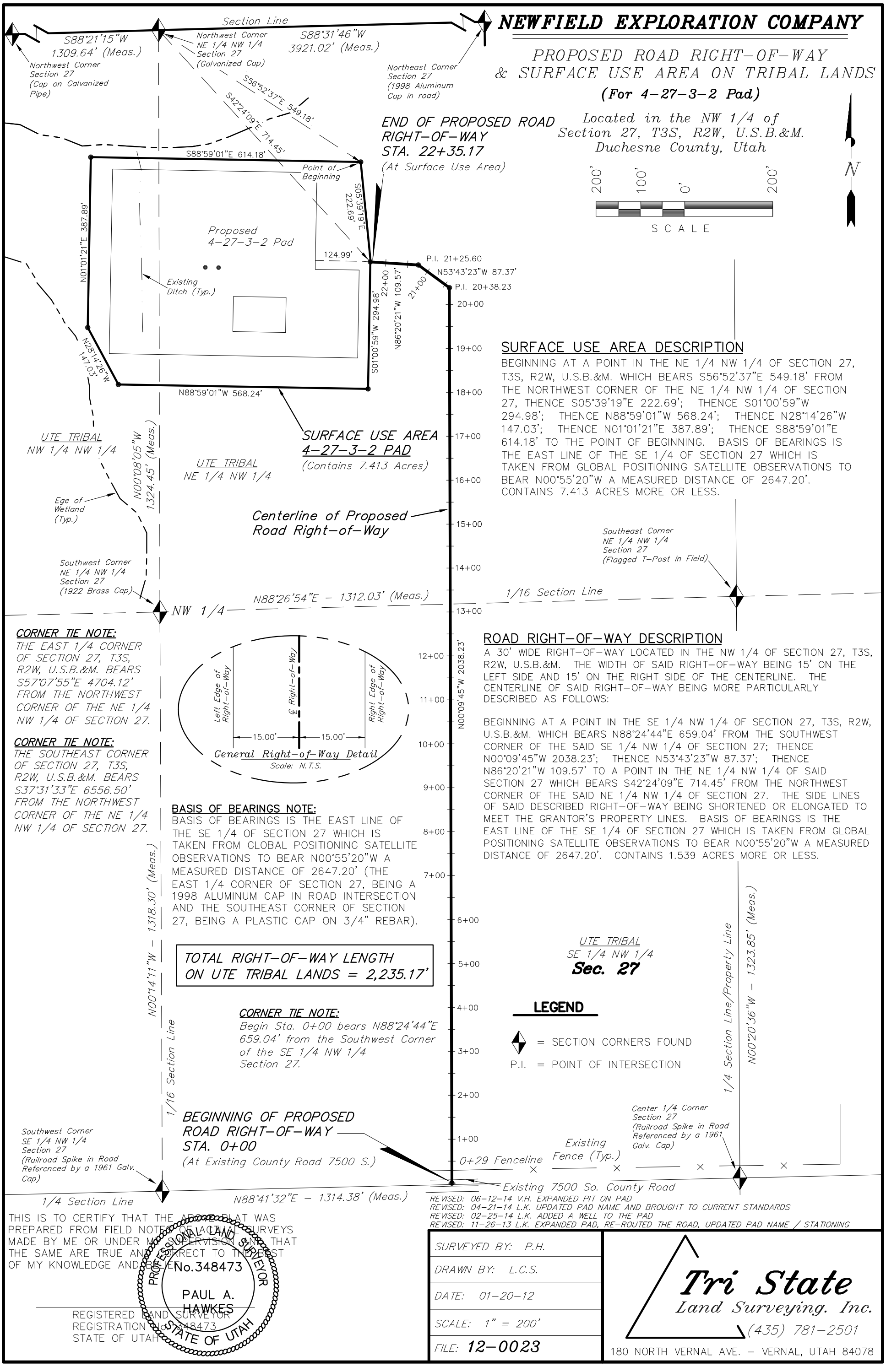
RECEIVED: Jul. 17, 2014

NEWFIELD EXPLORATION COMPANY

PROPOSED ROAD RIGHT-OF-WAY & SURFACE USE AREA ON TRIBAL LANDS

(For 4-27-3-2 Pad)

Located in the NW 1/4 of Section 27, T3S, R2W, U.S.B.&M. Duchesne County, Utah



SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. WHICH BEARS S56°52'37"E 549.18' FROM THE NORTHWEST CORNER OF THE NE 1/4 NW 1/4 OF SECTION 27, THENCE S05°39'19"E 222.69'; THENCE S01°00'59"W 294.98'; THENCE N88°59'01"W 568.24'; THENCE N28°14'26"W 147.03'; THENCE N01°01'21"E 387.89'; THENCE S88°59'01"E 614.18' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 27 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°55'20"W A MEASURED DISTANCE OF 2647.20'. CONTAINS 7.413 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY LOCATED IN THE NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 15' ON THE LEFT SIDE AND 15' ON THE RIGHT SIDE OF THE CENTERLINE. THE CENTERLINE OF SAID RIGHT-OF-WAY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SE 1/4 NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. WHICH BEARS N88°24'44"E 659.04' FROM THE SOUTHWEST CORNER OF THE SAID SE 1/4 NW 1/4 OF SECTION 27; THENCE N00°09'45"W 2038.23'; THENCE N53°43'23"W 87.37'; THENCE N86°20'21"W 109.57' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 27 WHICH BEARS S42°24'09"E 714.45' FROM THE NORTHWEST CORNER OF THE SAID NE 1/4 NW 1/4 OF SECTION 27. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 27 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°55'20"W A MEASURED DISTANCE OF 2647.20'. CONTAINS 1.539 ACRES MORE OR LESS.

CORNER TIE NOTE:
THE EAST 1/4 CORNER OF SECTION 27, T3S, R2W, U.S.B.&M. BEARS S57°07'55"E 4704.12' FROM THE NORTHWEST CORNER OF THE NE 1/4 NW 1/4 OF SECTION 27.

CORNER TIE NOTE:
THE SOUTHEAST CORNER OF SECTION 27, T3S, R2W, U.S.B.&M. BEARS S37°31'33"E 6556.50' FROM THE NORTHWEST CORNER OF THE NE 1/4 NW 1/4 OF SECTION 27.

BASIS OF BEARINGS NOTE:
BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 27 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°55'20"W A MEASURED DISTANCE OF 2647.20' (THE EAST 1/4 CORNER OF SECTION 27, BEING A 1998 ALUMINUM CAP IN ROAD INTERSECTION AND THE SOUTHEAST CORNER OF SECTION 27, BEING A PLASTIC CAP ON 3/4" REBAR).

TOTAL RIGHT-OF-WAY LENGTH ON UTE TRIBAL LANDS = 2,235.17'

CORNER TIE NOTE:
Begin Sta. 0+00 bears N88°24'44"E 659.04' from the Southwest Corner of the SE 1/4 NW 1/4 Section 27.

LEGEND

= SECTION CORNERS FOUND

P.I. = POINT OF INTERSECTION

REVISED: 06-12-14 V.H. EXPANDED PIT ON PAD
REVISED: 04-21-14 L.K. UPDATED PAD NAME AND BROUGHT TO CURRENT STANDARDS
REVISED: 02-25-14 L.K. ADDED A WELL TO THE PAD
REVISED: 11-26-13 L.K. EXPANDED PAD, RE-ROUTED THE ROAD, UPDATED PAD NAME / STATIONING

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR No.348473 PAUL A. HAWKES STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 348473
STATE OF UTAH

SURVEYED BY:	P.H.
DRAWN BY:	L.C.S.
DATE:	01-20-12
SCALE:	1" = 200'
FILE:	12-0023

Tri State Land Surveying. Inc.
(435) 781-2501
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

FILE: \\LEWIS\drawings\NEWFIELD 2014\4-27-3-2 PAD V7, ACCAWINNA 13-22-15-3-2W-(MW, LW) (06-12-14)\dwg\ROAD ROW.dwg

RECEIVED: Jul. 17, 2014

NEWFIELD EXPLORATION COMPANY
PROPOSED 4-27-3-2 PAD
ROAD RIGHT-OF-WAY & SURFACE USE AREA ON TRIBAL LANDS
NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M.

TOTAL ROAD RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 2,235.17' OR 0.423 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 1.539 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF UTAH)
) SS
COUNTY OF UINTAH)

PAUL A. HAWKES, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR NEWFIELD EXPLORATION COMPANY, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE SURFACE USE AREA AND ROAD RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.423 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.

PROFESSIONAL LAND SURVEYOR
No.348473
PAUL A. HAWKES
STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION NO. 348473
STATE OF UTAH

ACKNOWLEDGMENT

SUBSCRIBED AND SWORN BEFORE ME THIS____ DAY OF_____2014.

MY COMMISSION EXPIRES _____.

NOTARY PUBLIC
VERNAL, UTAH

APPLICANT'S CERTIFICATE

I,_____, DO HEREBY CERTIFY THAT I AM THE AGENT FOR NEWFIELD EXPLORATION COMPANY, HEREINAFTER DESIGNATED THE APPLICANT; THAT PAUL A. HAWKES WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS SURFACE USE AREA AND ROAD RIGHT-OF-WAY, 0.423 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 22+35.17, THAT SAID SURFACE USE AREA AND ROAD RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THIS MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

APPLICANT

TITLE

RECEIVED: Jul. 17, 2014

NEWFIELD EXPLORATION COMPANY

PROPOSED PIPELINE RIGHT-OF-WAY ON FEE LANDS

(For 4-27-3-2 Pad)

Located in the SW 1/4 NE 1/4 of Section 27, T3S, R2W, U.S.B.&M. Duchesne County, Utah

PIPELINE RIGHT-OF-WAY DESCRIPTION

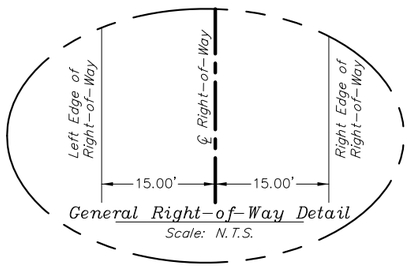
A 30' WIDE RIGHT-OF-WAY LOCATED IN THE SW 1/4 NE 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 15' ON EACH SIDE OF THE CENTERLINE. THE CENTERLINE OF SAID RIGHT-OF-WAY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WEST LINE OF THE SW 1/4 NE 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. WHICH BEARS N00°20'36"W 42.86' FROM THE CENTER 1/4 CORNER OF SAID SECTION 27, THENCE N89°05'47"E 213.09'; THENCE N00°02'32"E 122.36'; THENCE S89°57'28"E 26.58' TO A POINT IN THE SAID SW 1/4 NE 1/4 OF SECTION 27 WHICH BEARS N54°51'40"E 292.85' FROM THE SAID CENTER 1/4 CORNER OF SECTION 27. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 27 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°55'20"W A MEASURED DISTANCE OF 2647.20'. CONTAINS 0.249 ACRES MORE OR LESS.

TOTAL RIGHT-OF-WAY LENGTH ON ORVEN MOON = 362.03'

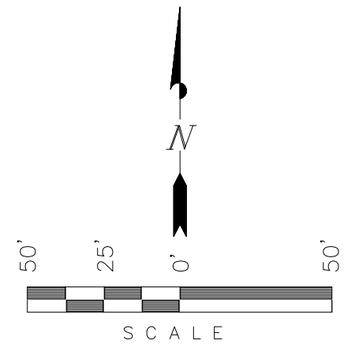
CORNER TIE NOTE:
THE EAST 1/4 CORNER OF SECTION 27, T3S, R2W, U.S.B.&M. BEARS S57°07'55"E 4704.12' FROM THE NORTHWEST CORNER OF THE NE 1/4 NW 1/4 OF SECTION 27.

CORNER TIE NOTE:
THE SOUTHEAST CORNER OF SECTION 27, T3S, R2W, U.S.B.&M. BEARS S37°31'33"E 6556.50' FROM THE NORTHWEST CORNER OF THE NE 1/4 NW 1/4 OF SECTION 27.



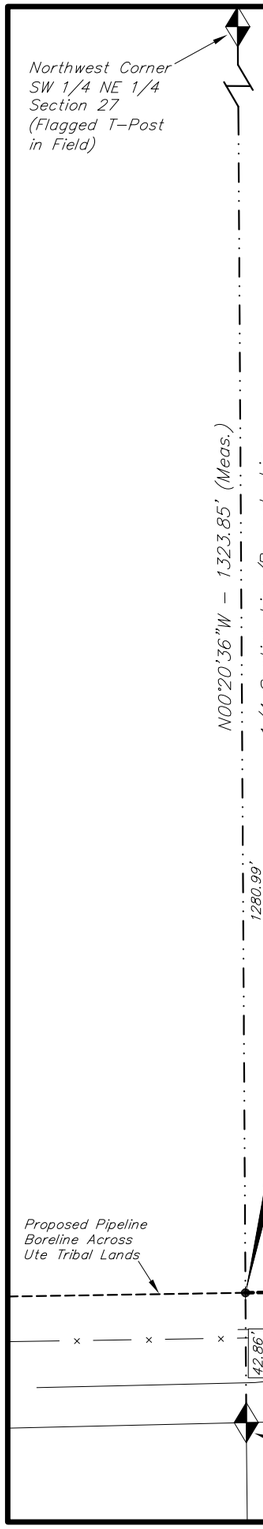
General Right-of-Way Detail
Scale: N.T.S.

BASIS OF BEARINGS NOTE:
BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 27 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°55'20"W A MEASURED DISTANCE OF 2647.20' (THE EAST 1/4 CORNER OF SECTION 27, BEING A 1998 ALUMINUM CAP IN ROAD INTERSECTION AND THE SOUTHEAST CORNER OF SECTION 27, BEING A PLASTIC CAP ON 3/4" REBAR).



LEGEND

- ◆ = SECTION CORNERS FOUND
- P.I. = POINT OF INTERSECTION
- P.O.P.L. = POINT ON PROPERTY LINE
- — · · — = PROPERTY LINE
- — × — = FENCELINE



CORNER TIE NOTE:
End Sta. 32+03.14 bears N54°51'40"E 292.85' from the Center 1/4 Corner of Section 27.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR No.348473 PAUL A. HAWKES STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 348473
STATE OF UTAH

REVISED: 04-21-14 L.K. UPDATED PAD NAME AND BROUGHT TO CURRENT STANDARDS
REVISED: 02-25-14 L.K. ADDED A WELL TO THE PAD
REVISED: 11-26-13 L.K. UPDATED PAD NAME AND STATIONING

SURVEYED BY:	P.H.
DRAWN BY:	R.B.T
DATE:	01-20-12
SCALE:	1" = 50'
FILE:	12-0026

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

FILE: \\LEWS\drawings\NEWFIELD 2014\4-27-3-2 PAD V7, ACCAWINNA 13-22-15-3-2W-(MW, LW) (06-12-14)\dwg\PIPELINE FEE.dwg

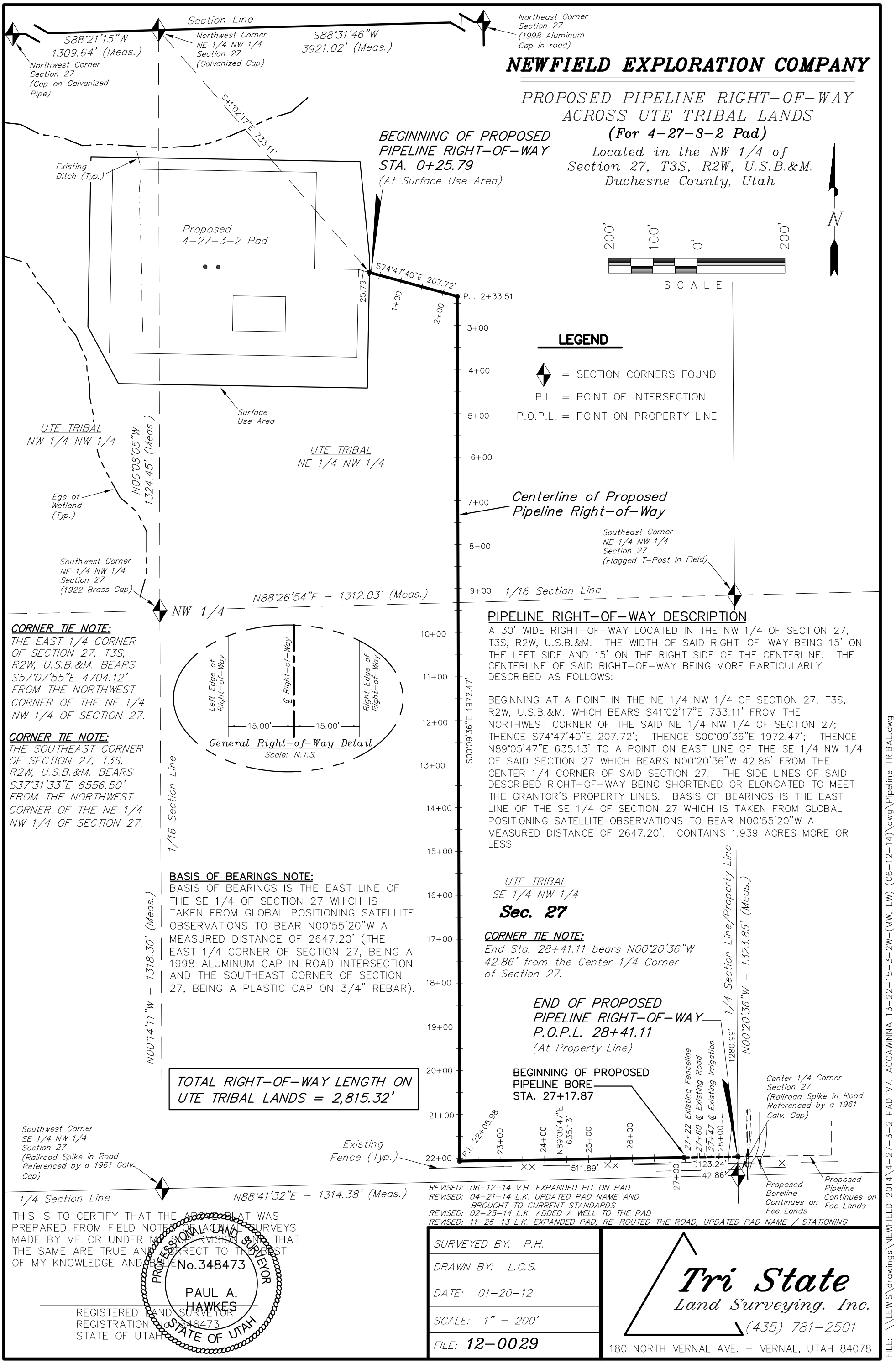
RECEIVED: Jul. 17, 2014

NEWFIELD EXPLORATION COMPANY

PROPOSED PIPELINE RIGHT-OF-WAY ACROSS UTE TRIBAL LANDS

(For 4-27-3-2 Pad)

Located in the NW 1/4 of Section 27, T3S, R2W, U.S.B.&M. Duchesne County, Utah



LEGEND

= SECTION CORNERS FOUND

P.I. = POINT OF INTERSECTION

P.O.P.L. = POINT ON PROPERTY LINE

200' 100' 0' 200'

SCALE

N

CORNER TIE NOTE:

THE EAST 1/4 CORNER OF SECTION 27, T3S, R2W, U.S.B.&M. BEARS S57°07'55"E 4704.12' FROM THE NORTHWEST CORNER OF THE NE 1/4 NW 1/4 OF SECTION 27.

CORNER TIE NOTE:

THE SOUTHEAST CORNER OF SECTION 27, T3S, R2W, U.S.B.&M. BEARS S37°31'33"E 6556.50' FROM THE NORTHWEST CORNER OF THE NE 1/4 NW 1/4 OF SECTION 27.

BASIS OF BEARINGS NOTE:

BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 27 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°55'20"W A MEASURED DISTANCE OF 2647.20' (THE EAST 1/4 CORNER OF SECTION 27, BEING A 1998 ALUMINUM CAP IN ROAD INTERSECTION AND THE SOUTHEAST CORNER OF SECTION 27, BEING A PLASTIC CAP ON 3/4" REBAR).

CORNER TIE NOTE:

End Sta. 28+41.11 bears N00°20'36"W 42.86' from the Center 1/4 Corner of Section 27.

TOTAL RIGHT-OF-WAY LENGTH ON UTE TRIBAL LANDS = 2,815.32'

PIPELINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY LOCATED IN THE NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 15' ON THE LEFT SIDE AND 15' ON THE RIGHT SIDE OF THE CENTERLINE. THE CENTERLINE OF SAID RIGHT-OF-WAY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M. WHICH BEARS S41°02'17"E 733.11' FROM THE NORTHWEST CORNER OF THE SAID NE 1/4 NW 1/4 OF SECTION 27; THENCE S74°47'40"E 207.72'; THENCE S00°09'36"E 1972.47'; THENCE N89°05'47"E 635.13' TO A POINT ON EAST LINE OF THE SE 1/4 NW 1/4 OF SAID SECTION 27 WHICH BEARS N00°20'36"W 42.86' FROM THE CENTER 1/4 CORNER OF SAID SECTION 27. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE EAST LINE OF THE SE 1/4 OF SECTION 27 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N00°55'20"W A MEASURED DISTANCE OF 2647.20'. CONTAINS 1.939 ACRES MORE OR LESS.

REVISED: 06-12-14 V.H. EXPANDED PIT ON PAD
REVISED: 04-21-14 L.K. UPDATED PAD NAME AND BROUGHT TO CURRENT STANDARDS
REVISED: 02-25-14 L.K. ADDED A WELL TO THE PAD
REVISED: 11-26-13 L.K. EXPANDED PAD, RE-ROUTED THE ROAD, UPDATED PAD NAME / STATIONING

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR No.348473 PAUL A. HAWKES STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 348473
STATE OF UTAH

SURVEYED BY:	P.H.
DRAWN BY:	L.C.S.
DATE:	01-20-12
SCALE:	1" = 200'
FILE:	12-0029

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

FILE: \\LEWIS\drawings\NEWFIELD 2014\4-27-3-2 PAD V7, ACCAWINNA 13-22-15-3-2W-(MW, LW) (06-12-14)\dwg\Pipeline TRIBAL.dwg

RECEIVED: Jul. 17, 2014

NEWFIELD EXPLORATION COMPANY
PROPOSED 4-27-3-2 PAD
PIPELINE RIGHT-OF-WAY ACROSS UTE TRIBAL LANDS
NW 1/4 OF SECTION 27, T3S, R2W, U.S.B.&M.

TOTAL PIPELINE RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 2,815.32' OR 0.533 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 1.939 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF UTAH)
) SS
COUNTY OF UINTAH)

PAUL A. HAWKES, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR NEWFIELD EXPLORATION COMPANY, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION): THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE PIPELINE RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES, AND THAT SAID RIGHT-OF-WAY, 0.533 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.

PROFESSIONAL LAND SURVEYOR
No.348473
PAUL A. HAWKES
STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION NO. 348473
STATE OF UTAH

ACKNOWLEDGMENT

SUBSCRIBED AND SWORN BEFORE ME THIS____ DAY OF_____2014.

MY COMMISSION EXPIRES _____.

NOTARY PUBLIC
VERNAL, UTAH

APPLICANT'S CERTIFICATE

I,_____, DO HEREBY CERTIFY THAT I AM THE AGENT FOR NEWFIELD EXPLORATION COMPANY, HEREINAFTER DESIGNATED THE APPLICANT; THAT PAUL A. HAWKES WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS PIPELINE RIGHT-OF-WAY, 0.533 MILES IN LENGTH BEGINNING AT STA. 0+25.79 AND ENDING AT STA. 28+41.11, THAT SAID PIPELINE RIGHT-OF-WAY IS ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THIS MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

APPLICANT

TITLE

RECEIVED: Jul. 17, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5964

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ACCAWINNA 13-22-15-3-2W-MW

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515010000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0544 FNL 1445 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 27 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 7/24/2014	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Pete Martin Rig #16 spudded 26" hole on 07/24/2014 and drilled to 70' GL. Hole started falling in with cobble rocks at 9' GL. Filled hole with 12.0 PPG fresh water mud to enable drilling. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 70' GL and cemented to surface with Pro Petro Cementers on 07/24/2014. Cement Job: Pumped 25 bbls fresh water flush ahead of cement. Mixed and pumped 410 sacks (84 bbls) of Premium Class G Cement with 2% CaCl2, and 1/4 lb/sk flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 22 bbls fresh water. Finished pumping @ 22:00 PM on 07/24/2014. 25 bbls cement to surface. Shut in well after pumping stopped. Hole stood full after pumping stopped. Kylan Cook notified UDOGM and BLM by e-mail @ 14:00 PM on 07/23/2014 to spud conductor hole on 07/24/2014.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 13, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE N/A		**DATE** 8/12/2014

NEWFIELD

Casing

Conductor

Legal Well Name	Wellbore Name
Accawinna 13-22-15-3-2W-MW	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013515010000	NENW 544FNL 1445FWL SEC27 T3S R2W MERU	UINTA CB-WASATCH HORZ	Development	Horizontal

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500296224	Duchesne	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	26	0	70	7/24/2014	7/24/2014

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Conductor	70	7/24/2014	

Centralizers	Scratchers

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Conductor Pipe	20	19.500	52.78	SA53B	Welded	2	70.00	0.0	70.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

RECEIVED: Aug. 12, 2014

NEWFIELD

Casing

Surface

Legal Well Name	Wellbore Name
Accawinna 13-22-15-3-2W-MW	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013515010000	NENW 544FNL 1445FWL SEC27 T3S R2W MERU	UINTA CB-WASATCH HORZ	Development	Horizontal

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500296224	Duchesne	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	26	0	70	7/24/2014	7/24/2014
Vertical	17 1/2	70	1,650	7/26/2014	7/28/2014

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Surface	1,641	7/29/2014	

Centralizers	Scratchers
14 centralizers spaced 10' from the shoe, on top of joints #2 & #3 then every 3rd collar to surface.	

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Casing Joints	13 3/8	12.615	54.50	J-55	Buttress Thread	37	1,594.42	0.3	1,594.7			
Float Collar					Buttress Thread	1	1.50	1,594.7	1,596.2			
Casing Joints	13 3/8	12.615	54.50	J-55	Buttress Thread	1	43.83	1,596.2	1,640.0			
Guide Shoe					Buttress Thread	1	1.00	1,640.0	1,641.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

RECEIVED: Aug. 12, 2014

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pete Martin Rig #16
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number Accawinna 13-22-15-3-2W-MW
Qtr/Qtr NE/NW Section 27 Township 3S Range 2W
Lease Serial Number 14-20-H62-5964
API Number 43-013-51501

CONFIDENTIAL

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 07/24/2014 12:30 AM ☐ PM ☒

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

_____

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 44 Submitted By Alvin Nielsen / Candice Miller_____ Phone Number 970/623/7080
Well Name/Number Accawinna 13-22-15-3-2W-MW
Qtr/Qtr NE/NW Section 27 Township 3S Range 2W
Lease Serial Number 14-20-H62-5964
API Number 43013515010000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☒ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

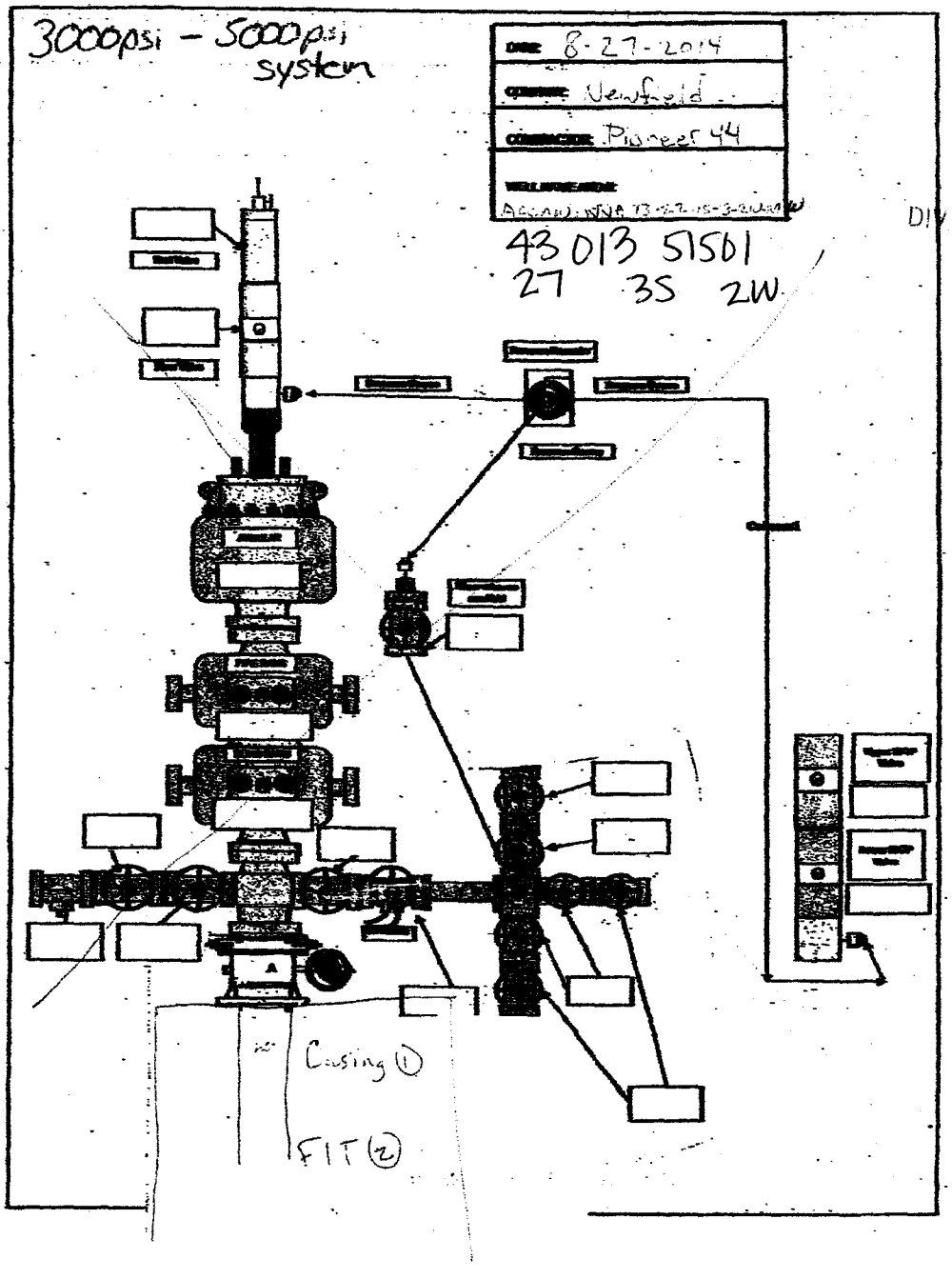
Date/Time 8/24/2014 17:00 AM ☐ PM ☒

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks We should start Running 9 5/8" casing on the Accawinna 13-22-15-3-2 W-MW on 8/24/2014 @ 17:00



DATE: 8-27-14 COMPANY: Newfield RIG: Pioneer 44 WELL NAME & #: [illegible] 13-[illegible]

Time	Test No.		Results
8:20 AM ☒ PM ☐	1	Casing	Pass ☒ Fail ☐
12:15 AM ☐ PM ☒	2	FIT Test (1,020 PSI 4 min)	Pass ☒ Fail ☐
AM ☐ PM ☐	3		Pass ☐ Fail ☐
AM ☐ PM ☐	4		Pass ☐ Fail ☐
AM ☐ PM ☐	5		Pass ☐ Fail ☐
AM ☐ PM ☐	6		Pass ☐ Fail ☐
AM ☐ PM ☐	7		Pass ☐ Fail ☐
AM ☐ PM ☐	8		Pass ☐ Fail ☐
AM ☐ PM ☐	9		Pass ☐ Fail ☐
AM ☐ PM ☐	10		Pass ☐ Fail ☐
AM ☐ PM ☐	11		Pass ☐ Fail ☐
AM ☐ PM ☐	12		Pass ☐ Fail ☐
AM ☐ PM ☐	13		Pass ☐ Fail ☐
AM ☐ PM ☐	14		Pass ☐ Fail ☐
AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
AM ☐ PM ☐	Retest		Pass ☐ Fail ☐

Acc. Tank Size (inches) (_____ W _____ D _____) ÷ 231= _____ gal.

Rock Springs, WY (307) 382-3350

BOP TESTING, CASING TESTING, LEAK OFF TESTING, & INTEGRITY TESTING

NIPPLE UP CREWS, NITROGEN CHARGING SERVICE

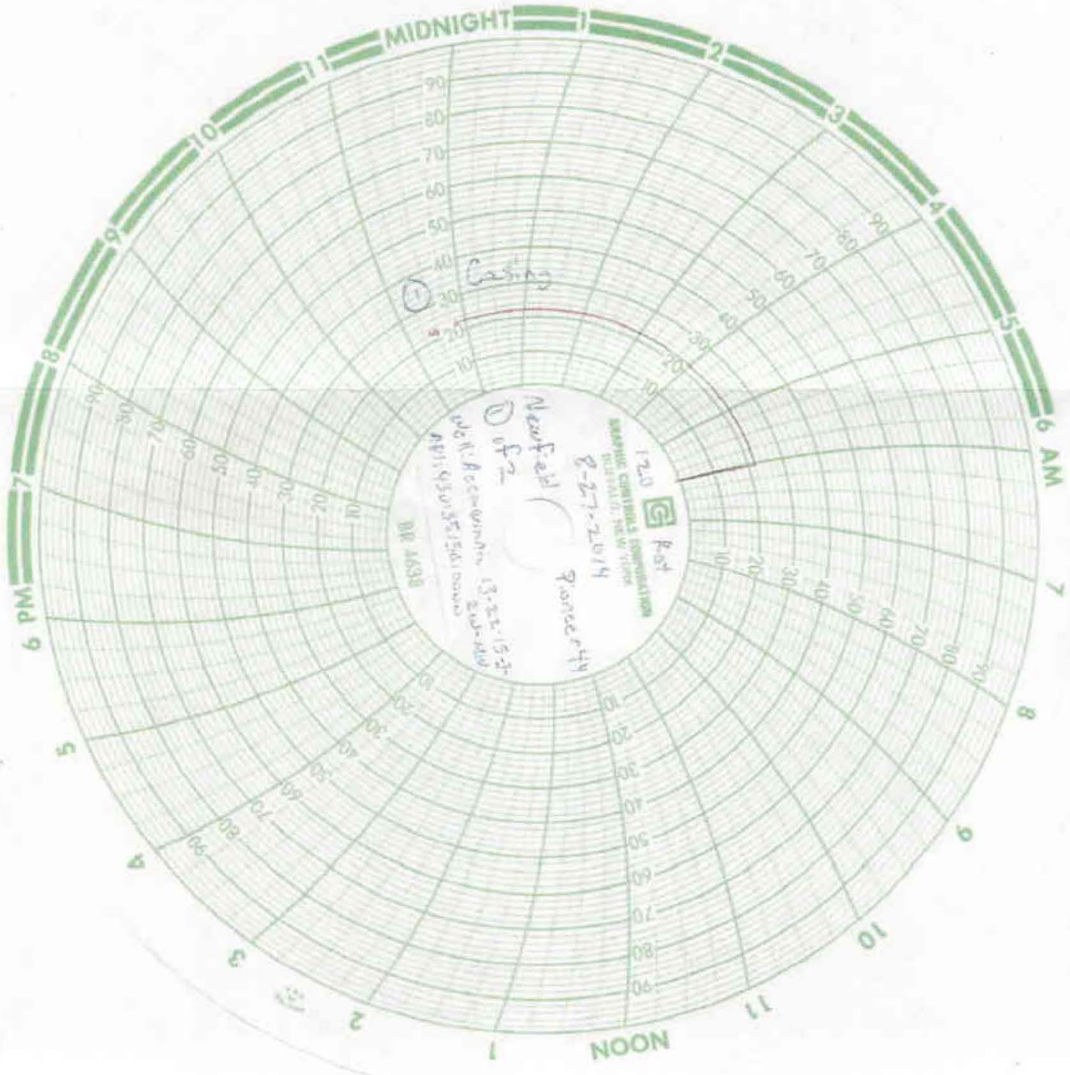
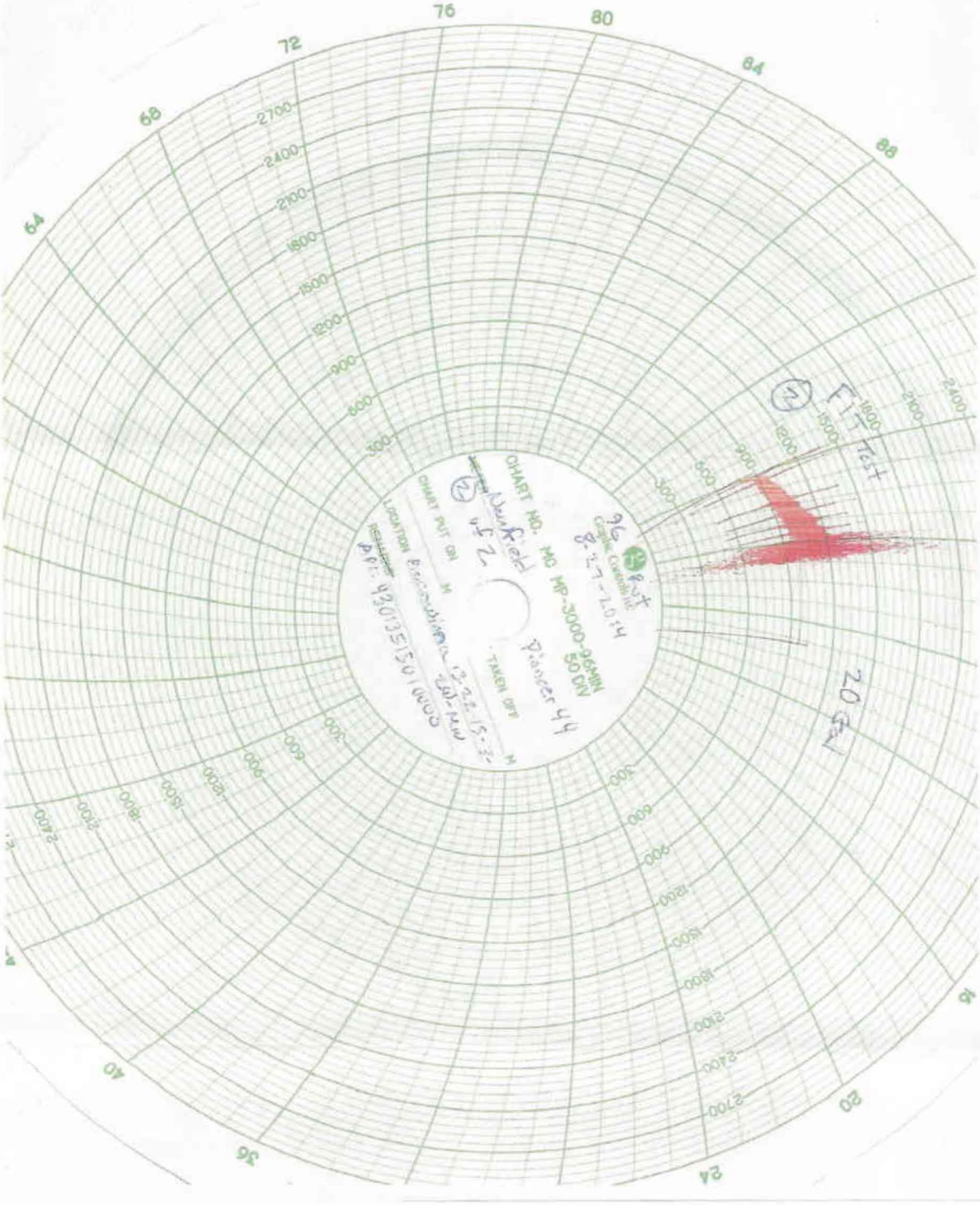


Chart #2 on Reverse


76
80
72
84
68
88
64
2700
2400
2100
1800
1500
1200
900
600
300
FIT Test
20 PSI
CHART NO. MG MP-3000-96MM 50DN
Diameter 44
CHART PUT ON
TAKEN OFF
LOCATION
24
28
20
32
36
40

677

WALKER INSPECTION,LLC.
REBEL TESTING · EAGER BEAVER TESTERS
WYOMING · COLORADO · NORTH DAKOTA

RECEIVED
SEP 02 2014
DIV. OF OIL, GAS & MINING

Daily JSA/Observation Report

OPERATOR: Newfield
DATE: 8-27-2014
LOCATION: Accord 13-22-15-3-2W-MW
CONTRACTOR: Pioneer 44
EMPLOYEE NAME: Dustin Redmond

- [ ] High Pressure Testing
- [ ] Working Below Platform
- [ ] Requires PPE
- [ ] Overhead Work is Occurring
- [ ] Fill in if: Confined Spaces are Involved
- [ ] Fill in if: Set up of Containment
- [ ] Using Rig Hoist to Lift Tools
- [ ] Fill in if: Other:

COMMENTS: Safety was implemented & observed.

SIGNATURE:
DATE: 8-27-2014

WALKER INSPECTION, LLC. AND AFFILIATES
ATTENDANCE:

Observation Report

EMPLOYEE REPORTING: Dustin Redmond SIGNATURE:

Was job set up and performed correctly and to best of companies ability? (Y) N

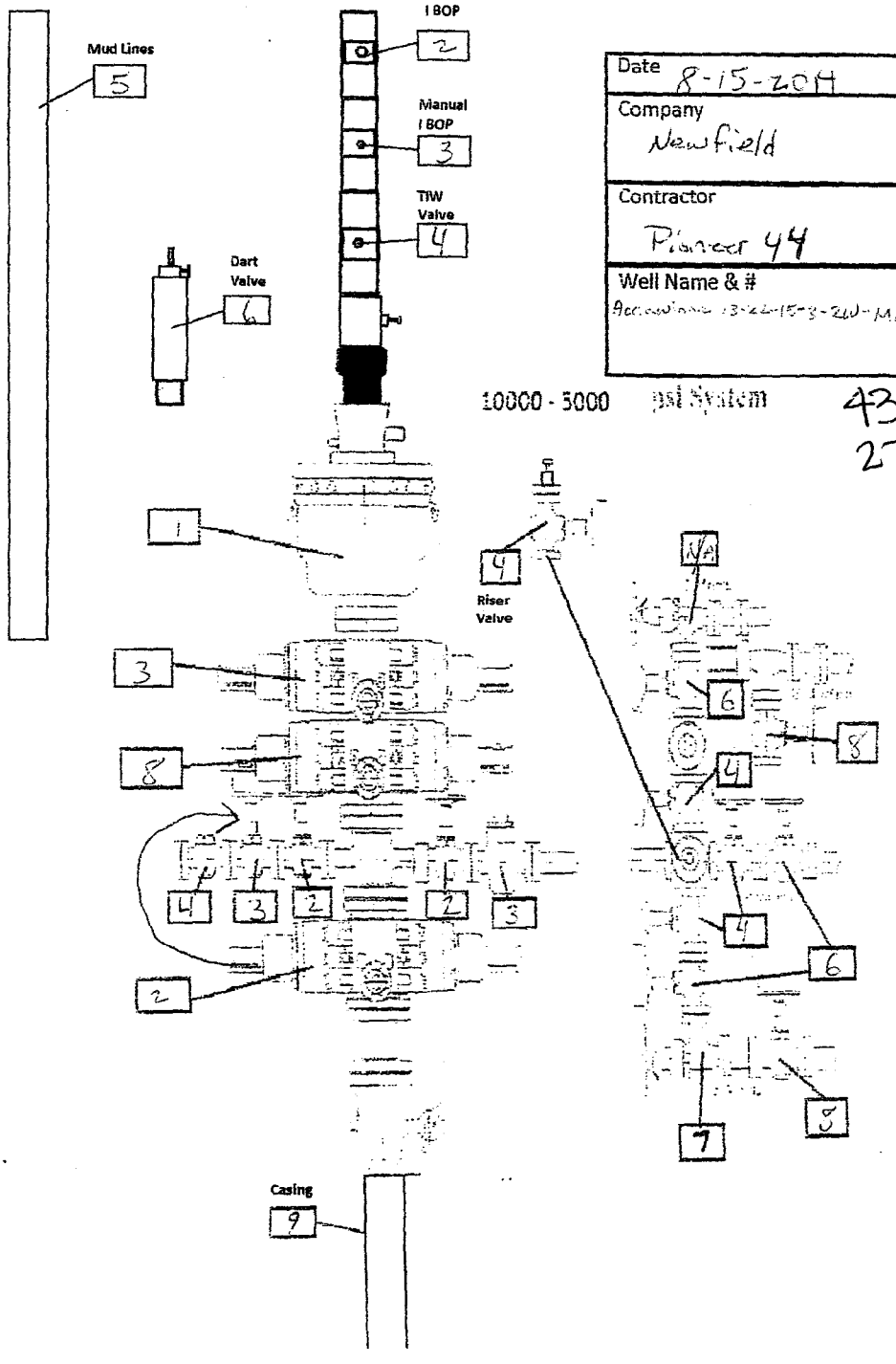
Was all safety equipment used correctly by all involved? (Y) N

Any incidents or near misses to report about WI? Y / (N)

Any incidents or near misses to report in general? Y / (N)

Any spills or environemental issues to report? Y / (N)

Basic Comments:



Date	8-15-2014
Company	Newfield
Contractor	Pioneer 44
Well Name & #	Accumulator 13-22-15-3-2W-MW

10000 - 5000 psi System

43 013 51501
27 3S 2W

RECEIVED
AUG 20 2014
DIV. OF OIL, GAS & MINING

EAGER BEAVER TESTERS

DATE: 8/15-9/16/2014 COMPANY: Newfield RIG: Pioneer 44 WELL NAME & #: Pariette 13-62-5-3-4W-NW

ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION iii, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 100 desired psi)
9. Record the remaining pressure 1550 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 28 sec (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 900 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi=

EAGER BEAVER TESTERS

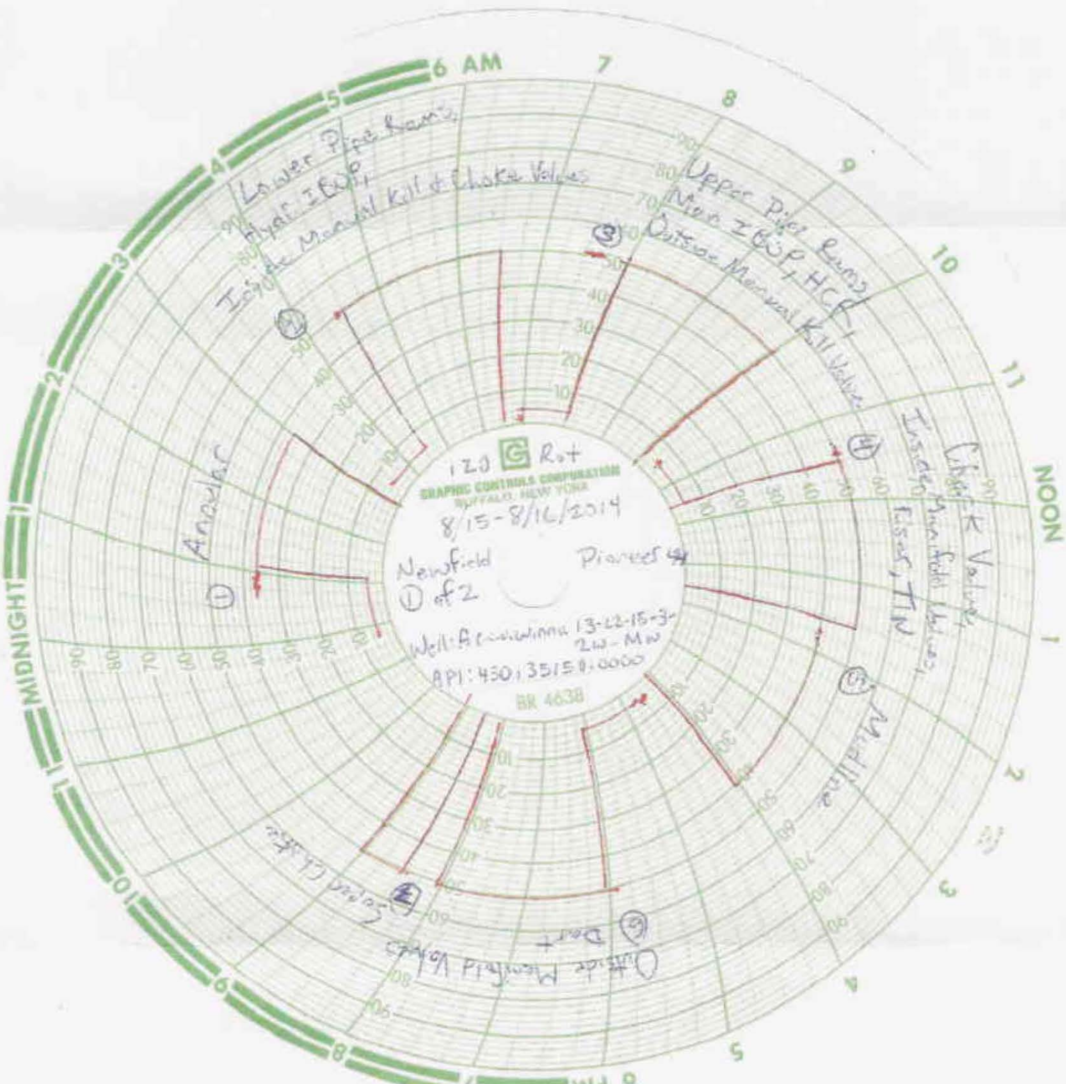
DATE: 8-15-14 / 8-16-14 COMPANY: Newfield RIG: Pioneer 54 WELL NAME & #: [illegible] 13-22 15-3-4(?)-MH

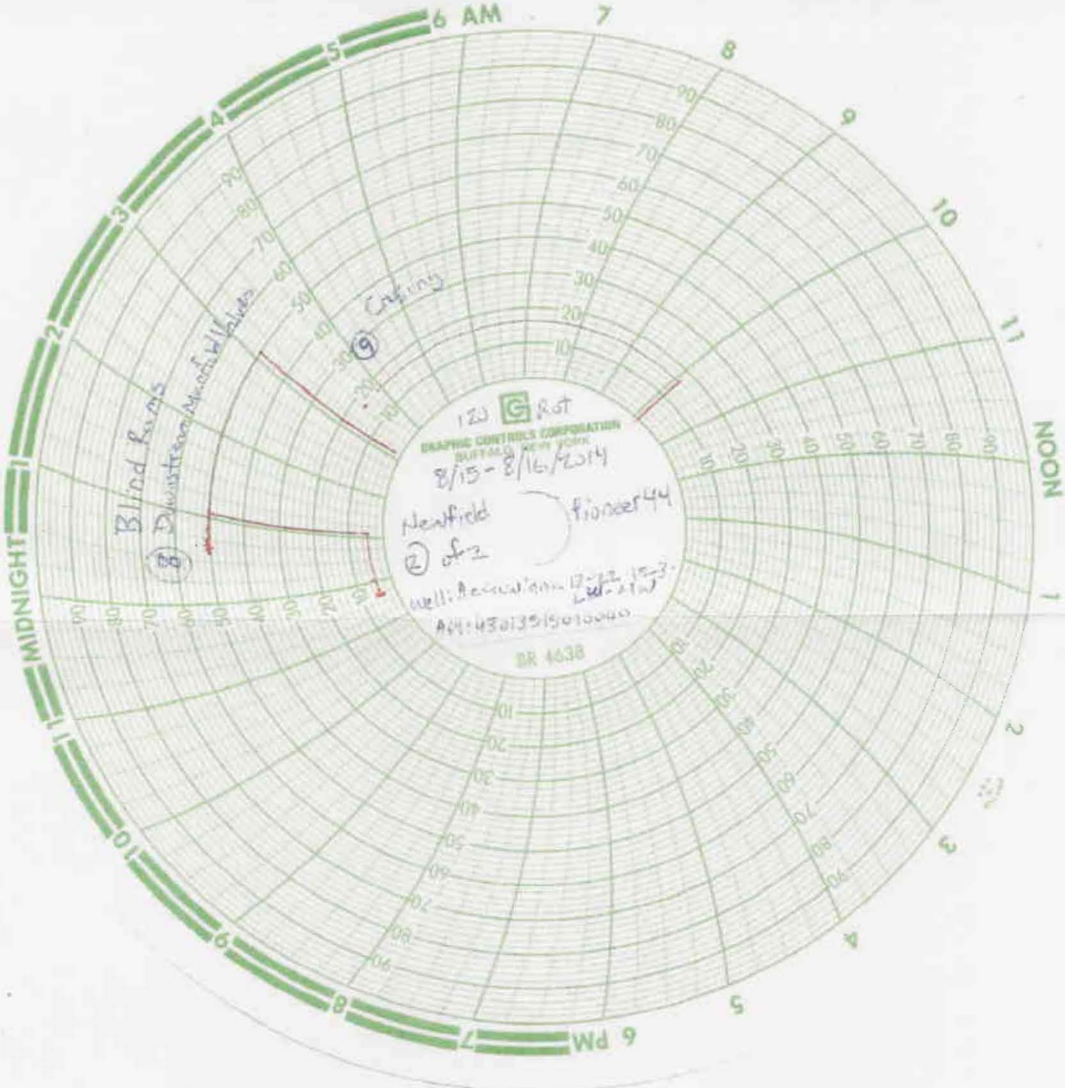
Time		Test No.		Results
2:15	AM ☐ PM ☒	1	Annular	Pass ☒ Fail ☐
3:15	AM ☐ PM ☒	2	Lower Pipe Rams, Hydr IBOP, [illegible] Manual Kill, [illegible] Valves	Pass ☒ Fail ☐
7:22	AM ☐ PM ☒	3	Upper Pipe Rams, Man IBOP, Outside Manual Kill, HCR	Pass ☒ Fail ☐
8:13	AM ☐ PM ☒	4	Check Valve, Inside Manifold Valves, Riser, TIW	Pass ☒ Fail ☐
8:46	AM ☐ PM ☒	5	Mudline	Pass ☒ Fail ☐
9:02	AM ☐ PM ☒	6	Outside Manifold Valves, Dart	Pass ☒ Fail ☐
9:28	AM ☐ PM ☒	7	Super Choke	Pass ☒ Fail ☐
9:57	AM ☐ PM ☒	8	Blind Rams, Downstream Manifold Valves	Pass ☒ Fail ☐
11:53	AM ☐ PM ☒	9	Casing	Pass ☒ Fail ☐
	AM ☐ PM ☐	10		Pass ☐ Fail ☐
	AM ☐ PM ☐	11		Pass ☐ Fail ☐
	AM ☐ PM ☐	12		Pass ☐ Fail ☐
	AM ☐ PM ☐	13		Pass ☐ Fail ☐
	AM ☐ PM ☐	14		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐
	AM ☐ PM ☐	Retest		Pass ☐ Fail ☐

Acc. Tank Size (inches) (_____ W _____ D _____ L) ÷ 231= _____ gal.

Rock Springs, WY (307) 382-3350

BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE


6 AM
NOON
6 PM
MIDNIGHT
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
BR 4638
8/15-8/16/2014
Newfield
① of 2
Lower Pipe Rams,
Inside Manual Kill & Choke Valves
Upper Pipe Rams,
Outside Manual Kill Valve
Annular
Choke Valve,
Inside Manifold Valves
Outside Manifold Valves


6 AM
NOON
MIDNIGHT
6 PM
GRAPHIC CONTROLS CORPORATION
BUFFALO NEW YORK
DR 4638
Blind Rams
Downstream Manifold Valves
Casing
8/15 - 8/16/2014
Newfield
Pioneer 44
2 of 2
API: 4301351501000

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 44 Submitted By Mike Woolsey / Walt Bowen Phone Number 970/623/7080
Well Name/Number Accawinna 13-22-15-3-2W-MW
Qtr/Qtr NE/NW Section 27 Township 3S Range 2W
Lease Serial Number 14-20-H62-5964
API Number 43013515010000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☐ Intermediate Casing
☒ Production Casing
☐ Liner
☐ Other

Date/Time 9/15/2014 15:00 AM ☐ PM ☒

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks We should start Running 5.5" casing on the Accawinna 13-22-15-3-2 W-MW on 9/15/2014 @ 15:00

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: 1420H625964

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name: UINTAH AND OURAY

7. Unit or CA Agreement Name and No.:

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: ACCAWINNA 13-22-15-3-2W-MW

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

3a. Phone No. *(include area code)*: Ph:435-646-3721

9. API Well No.: 43-013-51501

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 544' FNL 1445' FWL (NE/NW) SEC 27 T3S R2W

10. Field and Pool or Exploratory: NORTH MYTON BENCH

11. Sec., T., R., M., on Block and Survey or Area: SEC 27 T3S R2W

At top prod. interval reported below: 475' FSL 725' FWL (SW/SW) SEC 22 T3S R2W

At total depth: 2499' FSL 610' FWL (NW/SW) SEC 15 T3S R2W

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded: 08/10/2014

15. Date T.D. Reached: 09/21/2014

16. Date Completed: ☐ D & A ☑ Ready to Prod. 10/29/2014

17. Elevations (DF, RKB, RT, GL)*: 5120' GL 5146' KB

18. Total Depth: MD 16741' TVD 9029'

19. Plug Back T.D.: MD 16694' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
19-1/2"	13-3/8" J-55	54.50	0'	1667'		1175 CLASS G			
12-5/8"	9-5/8" N-80	40	0'	7895'		1685 CLASS G		7168'	
8-7/8"	5-1/2" P-110	20	0'	16741'		3677 Elasticem			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom
A) Wasatch	9204'	16502'
B) Wasatch	16564'	16567'
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
9204'-16502' MD	0.38	1005	
16564' -16567' MD			Sleeve

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9204'- 16567' MD	Frac w/ 5,298,155#s of poppant sand in 107,275 bbls of clean fluid, in 38 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/12/14	10/22/14	24	→	637	15	207			Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	5889'
				DOUGLAS CREEK	7000'
				CASTLE PEAK	7887'
				UTELAND BUTTE	8179'
				WASATCH	8312'
				WASATCH 15	8705'

32. Additional remarks (include plugging procedure):

Bottom Producing interval: 2405' FSL 704' FWL (NW/SW) SEC 15 T3S R2W

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 11/11/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD

Directional Survey

Legal Well Name	Wellbore Name
Accawinna 13-22-15-3-2W-MW	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013515010000	NENW 544FNL 1445FWL SEC27 T3S R2W MERU	UINTA CB-WASATCH HORZ	Development	Horizontal

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500296224	Duchesne	Utah	8/10/2014 06:00	9/21/2014 00:00

Actual Deviation Survey	Wellbore Name	Parent Wellbore	Job	VS Dir (°)	Profile Type	Kick Off Depth (ftKB)
Actual, Proposed? No	Original Hole	Original Hole	Drilling - Original, 8/10/2014 06:00			7,964

Date	Definitive?	Description	Proposed?
7/26/2014	No	Actual	No

MD Tie In (ftKB)	TVDTie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWTie In (ft)

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
8/16/2014	0	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0.00	MWD	Weatherford
7/26/2014	149	0.62	246.48	149	0	0	-1	0.42	0.42	165.42	0.81	MWD	Payzone
7/26/2014	176	0.66	249.34	176	0	0	-1	0.19	0.15	10.59	1.11	MWD	Payzone
7/26/2014	205	0.92	241.56	205	0	-1	-1	0.97	0.90	-26.83	1.51	MWD	Payzone
7/26/2014	233	1.10	244.80	233	-1	-1	-2	0.67	0.64	11.57	2.00	MWD	Payzone
7/26/2014	261	1.05	260.11	261	-1	-1	-2	1.04	-0.18	54.68	2.52	MWD	Payzone
7/26/2014	289	1.30	257.90	289	-1	-1	-3	0.91	0.89	-7.89	3.09	MWD	Payzone
7/26/2014	318	1.32	262.26	318	-1	-1	-4	0.35	0.07	15.03	3.76	MWD	Payzone
7/26/2014	347	1.50	284.10	347	-1	-1	-4	1.94	0.62	75.31	4.46	MWD	Payzone
7/26/2014	377	1.58	288.89	377	0	-1	-5	0.50	0.27	15.97	5.26	MWD	Payzone
7/26/2014	404	1.60	289.10	404	0	-1	-6	0.08	0.07	0.78	6.01	MWD	Payzone
7/26/2014	431	1.93	313.10	431	0	0	-6	2.97	1.22	88.89	6.83	MWD	Payzone
7/27/2014	461	2.10	326.90	461	1	1	-7	1.71	0.57	46.00	7.87	MWD	Payzone
7/27/2014	491	2.20	335.60	491	2	2	-8	1.14	0.33	29.00	9.00	MWD	Payzone
7/27/2014	521	2.29	341.19	521	3	3	-8	0.79	0.30	18.63	10.17	MWD	Payzone
7/27/2014	551	2.46	347.03	551	5	4	-8	0.99	0.57	19.47	11.41	MWD	Payzone
7/27/2014	581	2.86	350.60	581	6	5	-9	1.44	1.33	11.90	12.80	MWD	Payzone
7/27/2014	611	3.30	348.70	611	8	7	-9	1.51	1.47	-6.33	14.41	MWD	Payzone
7/27/2014	641	3.50	349.80	641	9	9	-9	0.70	0.67	3.67	16.19	MWD	Payzone
7/27/2014	671	3.20	351.30	671	11	10	-10	1.04	-1.00	5.00	17.95	MWD	Payzone
7/27/2014	701	3.16	353.93	701	13	12	-10	0.50	-0.13	8.77	19.61	MWD	Payzone
7/27/2014	731	2.70	349.90	731	14	13	-10	1.68	-1.53	-13.43	21.14	MWD	Payzone
7/27/2014	761	2.72	345.62	761	16	15	-10	0.68	0.07	-14.27	22.56	MWD	Payzone
7/27/2014	791	2.20	331.61	791	17	16	-11	2.64	-1.73	-46.70	23.84	MWD	Payzone
7/27/2014	821	2.07	323.20	820	18	17	-11	1.13	-0.43	-28.03	24.95	MWD	Payzone
7/27/2014	851	2.15	310.60	850	19	18	-12	1.57	0.27	-42.00	26.05	MWD	Payzone
7/27/2014	881	2.30	308.27	880	20	18	-13	0.58	0.50	-7.77	27.22	MWD	Payzone
7/27/2014	911	2.68	305.37	910	21	19	-14	1.33	1.27	-9.67	28.52	MWD	Payzone
7/27/2014	941	2.99	301.81	940	21	20	-15	1.19	1.03	-11.87	30.00	MWD	Payzone
7/27/2014	971	3.20	301.34	970	22	21	-17	0.71	0.70	-1.57	31.62	MWD	Payzone
7/27/2014	1,001	3.60	300.76	1,000	24	22	-18	1.34	1.33	-1.93	33.40	MWD	Payzone
7/27/2014	1,031	4.00	301.20	1,030	25	23	-20	1.34	1.33	1.47	35.39	MWD	Payzone
7/27/2014	1,061	4.40	302.12	1,060	26	24	-22	1.35	1.33	3.07	37.59	MWD	Payzone
7/27/2014	1,091	4.00	301.50	1,090	27	25	-24	1.34	-1.33	-2.07	39.78	MWD	Payzone
7/27/2014	1,121	3.80	301.72	1,120	29	26	-25	0.67	-0.67	0.73	41.82	MWD	Payzone
7/27/2014	1,151	3.10	306.90	1,150	30	27	-27	2.55	-2.33	17.27	43.63	MWD	Payzone
7/27/2014	1,181	2.86	308.53	1,180	31	28	-28	0.85	-0.80	5.43	45.19	MWD	Payzone
7/27/2014	1,211	2.50	315.60	1,210	32	29	-29	1.63	-1.20	23.57	46.59	MWD	Payzone
7/27/2014	1,241	2.37	327.21	1,240	33	30	-30	1.70	-0.43	38.70	47.85	MWD	Payzone
7/27/2014	1,271	2.15	343.38	1,270	34	31	-30	2.24	-0.73	53.90	49.03	MWD	Payzone
7/27/2014	1,301	1.88	354.34	1,300	35	32	-31	1.56	-0.90	36.53	50.08	MWD	Payzone
7/27/2014	1,331	1.50	5.50	1,330	36	33	-31	1.67	-1.27	-1162.80	50.96	MWD	Payzone
7/27/2014	1,361	1.54	21.92	1,360	37	34	-30	1.45	0.13	54.73	51.74	MWD	Payzone
7/27/2014	1,391	1.58	28.73	1,390	37	35	-30	0.63	0.13	22.70	52.56	MWD	Payzone
7/27/2014	1,421	1.40	34.20	1,420	38	35	-30	0.76	-0.60	18.23	53.34	MWD	Payzone
7/27/2014	1,451	1.27	34.75	1,450	39	36	-29	0.44	-0.43	1.83	54.04	MWD	Payzone
7/27/2014	1,481	1.05	29.03	1,480	39	36	-29	0.83	-0.73	-19.07	54.64	MWD	Payzone
7/27/2014	1,511	0.90	27.50	1,510	39	37	-29	0.51	-0.50	-5.10	55.15	MWD	Payzone
7/28/2014	1,541	0.79	24.56	1,540	40	37	-29	0.39	-0.37	-9.80	55.60	MWD	Payzone

NEWFIELD

Directional Survey

Legal Well Name	Wellbore Name
Accawinna 13-22-15-3-2W-MW	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013515010000	NENW 544FNL 1445FWL SEC27 T3S R2W MERU	UINTA CB-WASATCH HORZ	Development	Horizontal

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500296224	Duchesne	Utah	8/10/2014 06:00	9/21/2014 00:00

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
7/28/2014	1,571	0.79	34.62	1,570	40	38	-28	0.46	0.00	33.53	56.01	MWD	Payzone
7/28/2014	1,581	0.75	34.50	1,580	40	38	-28	0.40	-0.40	-1.20	56.14	MWD	Payzone
8/16/2014	1,772	0.91	40.64	1,771	42	40	-27	0.10	0.08	3.21	58.91	MWD	Weatherford
8/16/2014	1,866	0.90	40.92	1,865	43	41	-26	0.01	-0.01	0.30	60.39	MWD	Weatherford
8/16/2014	1,961	1.00	42.64	1,960	44	42	-25	0.11	0.11	1.81	61.97	MWD	Weatherford
8/16/2014	2,055	1.01	39.41	2,054	46	43	-23	0.06	0.01	-3.44	63.61	MWD	Weatherford
8/16/2014	2,150	0.99	38.90	2,149	47	45	-22	0.02	-0.02	-0.54	65.27	MWD	Weatherford
8/16/2014	2,244	1.05	35.78	2,243	48	46	-21	0.09	0.06	-3.32	66.94	MWD	Weatherford
8/16/2014	2,338	1.08	37.88	2,337	49	47	-20	0.05	0.03	2.23	68.69	MWD	Weatherford
8/16/2014	2,433	1.13	39.17	2,432	51	49	-19	0.06	0.05	1.36	70.52	MWD	Weatherford
8/16/2014	2,527	1.28	38.45	2,526	52	50	-18	0.16	0.16	-0.77	72.50	MWD	Weatherford
8/16/2014	2,621	1.31	39.69	2,620	53	52	-17	0.04	0.03	1.32	74.62	MWD	Weatherford
8/16/2014	2,716	1.24	40.95	2,715	55	54	-15	0.08	-0.07	1.33	76.74	MWD	Weatherford
8/16/2014	2,810	1.19	45.87	2,809	56	55	-14	0.12	-0.05	5.23	78.73	MWD	Weatherford
8/16/2014	2,904	1.09	41.94	2,902	57	56	-13	0.13	-0.11	-4.18	80.60	MWD	Weatherford
8/16/2014	2,999	1.12	356.02	2,997	59	58	-12	0.91	0.03	330.61	82.28	MWD	Weatherford
8/16/2014	3,093	1.00	535.30	3,091	59	58	-12	2.26	-0.13	190.72	82.38	MWD	Weatherford
8/16/2014	3,188	0.08	355.04	3,186	58	57	-12	1.14	-0.97	-189.75	83.14	MWD	Weatherford
8/16/2014	3,282	1.36	322.33	3,280	59	58	-13	1.37	1.36	-34.80	84.32	MWD	Weatherford
8/16/2014	3,376	2.67	288.38	3,374	61	60	-15	1.83	1.39	-36.12	87.49	MWD	Weatherford
8/16/2014	3,471	3.62	291.06	3,469	63	62	-20	1.01	1.00	2.82	92.70	MWD	Weatherford
8/16/2014	3,565	4.51	293.04	3,563	67	64	-27	0.96	0.95	2.11	99.37	MWD	Weatherford
8/16/2014	3,659	5.13	292.12	3,657	70	67	-34	0.66	0.66	-0.98	107.27	MWD	Weatherford
8/16/2014	3,745	6.11	288.25	3,742	74	70	-42	1.22	1.14	-4.50	115.68	MWD	Weatherford
8/16/2014	3,848	6.92	290.06	3,845	79	74	-53	0.81	0.79	1.76	127.37	MWD	Weatherford
8/16/2014	3,942	6.02	284.36	3,938	83	77	-63	1.18	-0.96	-6.06	137.95	MWD	Weatherford
8/16/2014	4,037	6.47	286.40	4,032	87	80	-73	0.53	0.47	2.15	148.28	MWD	Weatherford
8/16/2014	4,125	7.28	284.41	4,120	90	83	-83	0.96	0.92	-2.26	158.81	MWD	Weatherford
8/16/2014	4,131	7.52	283.47	4,126	91	83	-84	4.48	4.00	-15.67	159.58	MWD	Weatherford
8/16/2014	4,320	7.44	282.55	4,313	99	88	-108	0.08	-0.04	-0.49	184.19	MWD	Weatherford
8/16/2014	4,414	8.03	284.26	4,406	103	91	-120	0.67	0.63	1.82	196.84	MWD	Weatherford
8/16/2014	4,508	9.25	285.13	4,499	108	95	-134	1.31	1.30	0.93	210.96	MWD	Weatherford
8/16/2014	4,603	8.52	282.34	4,593	113	98	-148	0.89	-0.77	-2.94	225.63	MWD	Weatherford
8/16/2014	4,697	8.49	289.10	4,686	118	102	-161	1.06	-0.03	7.19	239.51	MWD	Weatherford
8/16/2014	4,791	8.11	294.52	4,779	124	107	-174	0.92	-0.40	5.77	253.06	MWD	Weatherford
8/16/2014	4,885	8.28	295.49	4,872	131	113	-186	0.23	0.18	1.03	266.46	MWD	Weatherford
8/16/2014	4,980	9.05	297.45	4,966	138	119	-199	0.87	0.81	2.06	280.77	MWD	Weatherford
8/16/2014	5,047	8.20	295.78	5,032	144	124	-208	1.32	-1.27	-2.49	290.82	MWD	Weatherford
8/16/2014	5,263	8.02	291.69	5,246	159	136	-236	0.28	-0.08	-1.89	321.27	MWD	Weatherford
8/16/2014	5,357	8.52	291.97	5,339	165	141	-248	0.53	0.53	0.30	334.79	MWD	Weatherford
8/16/2014	5,451	9.39	292.06	5,432	172	147	-262	0.93	0.93	0.10	349.42	MWD	Weatherford
8/16/2014	5,546	8.65	289.38	5,526	178	152	-276	0.90	-0.78	-2.82	364.31	MWD	Weatherford
8/16/2014	5,640	7.84	286.65	5,619	184	156	-288	0.96	-0.86	-2.90	377.79	MWD	Weatherford
8/16/2014	5,735	7.78	287.19	5,713	189	160	-301	0.10	-0.06	0.57	390.70	MWD	Weatherford
8/16/2014	5,829	7.37	288.95	5,806	194	164	-313	0.50	-0.44	1.87	403.09	MWD	Weatherford
8/16/2014	5,923	7.01	289.61	5,899	199	167	-324	0.39	-0.38	0.70	414.85	MWD	Weatherford
8/16/2014	6,018	7.66	290.70	5,994	204	172	-335	0.70	0.68	1.15	426.98	MWD	Weatherford
8/16/2014	6,112	7.85	292.31	6,087	210	176	-347	0.31	0.20	1.71	439.66	MWD	Weatherford
8/16/2014	6,206	8.35	292.05	6,180	216	181	-359	0.53	0.53	-0.28	452.91	MWD	Weatherford
8/16/2014	6,301	7.69	291.45	6,274	222	186	-371	0.70	-0.69	-0.63	466.16	MWD	Weatherford
8/16/2014	6,395	7.32	288.97	6,367	228	190	-383	0.52	-0.39	-2.64	478.44	MWD	Weatherford
8/16/2014	6,489	7.00	288.91	6,460	233	194	-394	0.34	-0.34	-0.06	490.15	MWD	Weatherford
8/16/2014	6,584	5.80	288.15	6,555	237	198	-404	1.27	-1.26	-0.80	500.74	MWD	Weatherford

NEWFIELD

Directional Survey

Legal Well Name	Wellbore Name
Accawinna 13-22-15-3-2W-MW	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
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Well RC	County	State/Province	Spud Date	Final Rig Release Date
500296224	Duchesne	Utah	8/10/2014 06:00	9/21/2014 00:00

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
8/16/2014	6,678	5.20	288.86	6,648	241	200	-413	0.64	-0.64	0.76	509.75	MWD	Weatherford
8/16/2014	6,766	5.29	288.77	6,736	244	203	-420	0.10	0.10	-0.10	517.79	MWD	Weatherford
8/16/2014	6,860	6.09	289.30	6,829	248	206	-429	0.85	0.85	0.56	527.11	MWD	Weatherford
8/16/2014	6,955	7.81	289.65	6,924	253	210	-440	1.81	1.81	0.37	538.61	MWD	Weatherford
8/16/2014	7,049	8.26	287.64	7,017	258	214	-452	0.56	0.48	-2.14	551.75	MWD	Weatherford
8/16/2014	7,144	8.83	285.59	7,111	263	218	-466	0.68	0.60	-2.16	565.86	MWD	Weatherford
8/16/2014	7,238	9.17	281.38	7,204	268	222	-480	0.79	0.36	-4.48	580.55	MWD	Weatherford
8/16/2014	7,332	9.22	288.33	7,296	274	225	-495	1.18	0.05	7.39	595.55	MWD	Weatherford
8/16/2014	7,427	9.22	286.79	7,390	280	230	-509	0.26	0.00	-1.62	610.77	MWD	Weatherford
8/16/2014	7,521	9.63	286.06	7,483	285	234	-524	0.45	0.44	-0.78	626.16	MWD	Weatherford
8/16/2014	7,616	9.93	287.74	7,577	292	239	-539	0.44	0.32	1.77	642.30	MWD	Weatherford
8/16/2014	7,710	10.88	286.44	7,669	298	244	-556	1.04	1.01	-1.38	659.27	MWD	Weatherford
8/16/2014	7,805	11.94	285.99	7,762	305	249	-574	1.12	1.12	-0.47	678.06	MWD	Weatherford
8/16/2014	7,854	12.41	285.65	7,810	309	252	-584	0.97	0.96	-0.69	688.40	MWD	Weatherford
8/16/2014	7,960	12.13	282.13	7,914	317	258	-605	0.75	-0.26	-3.32	710.92	MWD	Weatherford
8/29/2014	7,991	11.69	291.03	7,944	319	259	-612	6.09	-1.42	28.71	717.29	MWD	Weatherford
8/29/2014	8,022	11.59	305.18	7,974	322	262	-617	9.19	-0.32	45.65	723.50	MWD	Weatherford
8/29/2014	8,085	12.06	332.80	8,036	333	272	-625	8.93	0.75	43.84	736.05	MWD	Weatherford
8/29/2014	8,117	12.83	341.90	8,067	339	278	-628	6.58	2.41	28.44	742.92	MWD	Weatherford
8/29/2014	8,148	14.08	346.87	8,097	346	285	-630	5.49	4.03	16.03	750.13	MWD	Weatherford
8/29/2014	8,180	15.39	347.63	8,128	354	293	-632	4.14	4.09	2.37	758.27	MWD	Weatherford
8/29/2014	8,211	16.65	347.17	8,158	363	301	-633	4.09	4.06	-1.48	766.82	MWD	Weatherford
8/29/2014	8,243	18.60	345.16	8,189	373	311	-636	6.38	6.09	-6.28	776.51	MWD	Weatherford
8/29/2014	8,274	20.70	342.36	8,218	383	321	-639	7.42	6.77	-9.03	786.93	MWD	Weatherford
8/29/2014	8,306	22.96	342.01	8,248	394	332	-642	7.07	7.06	-1.09	798.83	MWD	Weatherford
8/29/2014	8,369	27.71	343.49	8,305	421	358	-650	7.61	7.54	2.35	825.78	MWD	Weatherford
8/29/2014	8,400	29.97	344.10	8,332	436	372	-654	7.35	7.29	1.97	840.73	MWD	Weatherford
8/29/2014	8,432	32.37	344.36	8,359	452	388	-659	7.51	7.50	0.81	857.29	MWD	Weatherford
8/29/2014	8,463	34.73	344.75	8,385	469	405	-664	7.64	7.61	1.26	874.43	MWD	Weatherford
8/29/2014	8,495	37.10	345.41	8,411	487	423	-668	7.50	7.41	2.06	893.19	MWD	Weatherford
8/30/2014	8,526	38.83	345.26	8,435	506	441	-673	5.59	5.58	-0.48	912.26	MWD	Weatherford
8/30/2014	8,558	40.83	346.07	8,460	526	461	-678	6.46	6.25	2.53	932.76	MWD	Weatherford
8/30/2014	8,589	42.57	347.35	8,483	547	481	-683	6.25	5.61	4.13	953.38	MWD	Weatherford
8/30/2014	8,621	44.54	348.38	8,506	569	503	-688	6.54	6.16	3.22	975.43	MWD	Weatherford
8/30/2014	8,652	46.70	349.89	8,528	591	524	-692	7.79	6.97	4.87	997.58	MWD	Weatherford
8/30/2014	8,684	48.92	351.50	8,549	614	548	-696	7.88	6.94	5.03	1,021.29	MWD	Weatherford
8/30/2014	8,715	51.23	352.44	8,569	638	571	-699	7.81	7.45	3.03	1,045.06	MWD	Weatherford
8/30/2014	8,746	53.58	353.75	8,588	663	596	-702	8.29	7.58	4.23	1,069.62	MWD	Weatherford
8/30/2014	8,778	55.61	354.59	8,607	689	622	-705	6.69	6.34	2.62	1,095.70	MWD	Weatherford
8/30/2014	8,809	57.51	355.16	8,624	715	648	-707	6.32	6.13	1.84	1,121.57	MWD	Weatherford
8/30/2014	8,841	59.83	355.74	8,640	742	675	-709	7.41	7.25	1.81	1,148.90	MWD	Weatherford
8/30/2014	8,872	61.39	356.01	8,656	769	702	-711	5.09	5.03	0.87	1,175.91	MWD	Weatherford
8/30/2014	8,904	63.15	356.64	8,670	797	730	-713	5.77	5.50	1.97	1,204.23	MWD	Weatherford
8/30/2014	8,935	65.19	357.13	8,684	825	758	-714	6.73	6.58	1.58	1,232.13	MWD	Weatherford
8/30/2014	8,967	66.81	358.05	8,697	854	787	-716	5.70	5.06	2.88	1,261.36	MWD	Weatherford
8/30/2014	8,998	69.02	358.79	8,709	883	816	-716	7.46	7.13	2.39	1,290.09	MWD	Weatherford
8/30/2014	9,030	71.16	358.74	8,720	913	846	-717	6.69	6.69	-0.16	1,320.17	MWD	Weatherford
8/30/2014	9,061	72.80	358.84	8,729	942	875	-718	5.30	5.29	0.32	1,349.65	MWD	Weatherford
8/30/2014	9,093	75.03	358.63	8,738	973	906	-718	7.00	6.97	-0.66	1,380.40	MWD	Weatherford
8/30/2014	9,124	78.72	359.16	8,745	1,003	936	-719	12.02	11.90	1.71	1,410.58	MWD	Weatherford
8/30/2014	9,155	78.72	359.16	8,751	1,033	967	-719	0.00	0.00	0.00	1,440.98	MWD	Weatherford
8/30/2014	9,187	80.97	359.08	8,757	1,065	998	-720	7.04	7.03	-0.25	1,472.48	MWD	Weatherford
8/30/2014	9,218	82.96	358.74	8,761	1,095	1,029	-720	6.51	6.42	-1.10	1,503.17	MWD	Weatherford

NEWFIELD

Directional Survey

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Accawinna 13-22-15-3-2W-MW	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
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500296224	Duchesne	Utah	8/10/2014 06:00	9/21/2014 00:00

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
8/30/2014	9,250	84.94	358.38	8,764	1,127	1,061	-721	6.29	6.19	-1.13	1,534.99	MWD	Weatherford
8/30/2014	9,282	87.04	357.61	8,767	1,159	1,092	-722	6.99	6.56	-2.41	1,566.91	MWD	Weatherford
8/30/2014	9,313	88.03	357.19	8,768	1,190	1,123	-724	3.47	3.19	-1.35	1,597.88	MWD	Weatherford
8/30/2014	9,439	87.90	355.25	8,772	1,316	1,249	-732	1.54	-0.10	-1.54	1,723.80	MWD	Weatherford
8/30/2014	9,534	88.34	355.15	8,776	1,411	1,344	-740	0.47	0.46	-0.11	1,818.75	MWD	Weatherford
8/30/2014	9,628	87.90	356.03	8,779	1,505	1,437	-747	1.05	-0.47	0.94	1,912.70	MWD	Weatherford
8/30/2014	9,723	88.03	356.50	8,782	1,599	1,532	-753	0.51	0.14	0.49	2,007.64	MWD	Weatherford
8/30/2014	9,817	88.09	356.74	8,785	1,693	1,626	-759	0.26	0.06	0.26	2,101.58	MWD	Weatherford
8/30/2014	9,912	88.09	357.61	8,788	1,788	1,721	-764	0.92	0.00	0.92	2,196.53	MWD	Weatherford
8/30/2014	10,006	88.27	357.48	8,791	1,882	1,815	-768	0.24	0.19	-0.14	2,290.48	MWD	Weatherford
8/30/2014	10,100	87.78	358.99	8,795	1,976	1,908	-770	1.69	-0.52	1.61	2,384.42	MWD	Weatherford
8/30/2014	10,195	88.34	1.38	8,798	2,070	2,003	-770	2.58	0.59	-376.43	2,479.36	MWD	Weatherford
8/30/2014	10,289	88.40	1.45	8,801	2,163	2,097	-768	0.10	0.06	0.07	2,573.32	MWD	Weatherford
8/30/2014	10,384	88.95	0.47	8,803	2,258	2,192	-766	1.18	0.58	-1.03	2,668.30	MWD	Weatherford
8/30/2014	10,478	88.46	359.80	8,805	2,351	2,286	-766	0.88	-0.52	382.27	2,762.27	MWD	Weatherford
8/30/2014	10,573	88.27	359.90	8,808	2,446	2,381	-766	0.23	-0.20	0.11	2,857.23	MWD	Weatherford
8/30/2014	10,667	88.27	358.54	8,810	2,539	2,475	-768	1.45	0.00	-1.45	2,951.19	MWD	Weatherford
8/30/2014	10,761	88.09	357.08	8,813	2,633	2,569	-771	1.56	-0.19	-1.55	3,045.14	MWD	Weatherford
8/30/2014	10,856	87.47	355.35	8,817	2,728	2,664	-777	1.93	-0.65	-1.82	3,140.06	MWD	Weatherford
8/30/2014	10,950	87.78	355.90	8,821	2,822	2,757	-785	0.67	0.33	0.59	3,233.98	MWD	Weatherford
8/30/2014	11,045	87.84	355.88	8,825	2,917	2,852	-791	0.07	0.06	-0.02	3,328.91	MWD	Weatherford
8/30/2014	11,139	87.22	357.42	8,829	3,011	2,946	-797	1.76	-0.66	1.64	3,422.82	MWD	Weatherford
8/30/2014	11,234	87.53	0.81	8,833	3,105	3,041	-798	3.58	0.33	-375.38	3,517.71	MWD	Weatherford
8/30/2014	11,328	88.64	0.57	8,836	3,198	3,135	-797	1.21	1.18	-0.26	3,611.65	MWD	Weatherford
8/30/2014	11,422	88.21	1.62	8,839	3,292	3,229	-795	1.21	-0.46	1.12	3,705.62	MWD	Weatherford
8/31/2014	11,516	88.52	0.73	8,841	3,385	3,323	-793	1.00	0.33	-0.95	3,799.58	MWD	Weatherford
8/31/2014	11,611	87.97	0.23	8,844	3,479	3,418	-793	0.78	-0.58	-0.53	3,894.53	MWD	Weatherford
8/31/2014	11,705	87.78	358.86	8,848	3,573	3,511	-793	1.47	-0.20	381.52	3,988.46	MWD	Weatherford
8/31/2014	11,800	87.72	357.34	8,852	3,668	3,606	-797	1.60	-0.06	-1.60	4,083.39	MWD	Weatherford
8/31/2014	11,894	87.78	359.33	8,855	3,761	3,700	-799	2.12	0.06	2.12	4,177.31	MWD	Weatherford
8/31/2014	11,989	88.27	2.34	8,858	3,856	3,795	-798	3.21	0.52	-375.78	4,272.24	MWD	Weatherford
8/31/2014	12,083	88.41	1.37	8,861	3,949	3,889	-795	1.04	0.15	-1.03	4,366.20	MWD	Weatherford
8/31/2014	12,177	88.40	356.45	8,864	4,042	3,983	-797	5.23	-0.01	377.74	4,460.14	MWD	Weatherford
8/31/2014	12,272	88.21	355.82	8,867	4,137	4,078	-803	0.69	-0.20	-0.66	4,555.09	MWD	Weatherford
8/31/2014	12,366	88.15	354.88	8,870	4,231	4,171	-811	1.00	-0.06	-1.00	4,649.05	MWD	Weatherford
8/31/2014	12,460	87.78	354.92	8,873	4,325	4,265	-819	0.40	-0.39	0.04	4,742.99	MWD	Weatherford
9/1/2014	12,555	87.66	354.87	8,877	4,420	4,359	-827	0.14	-0.13	-0.05	4,837.91	MWD	Weatherford
9/1/2014	12,649	88.15	357.50	8,880	4,514	4,453	-834	2.84	0.52	2.80	4,931.84	MWD	Weatherford
9/1/2014	12,744	88.15	358.26	8,883	4,609	4,548	-837	0.80	0.00	0.80	5,026.79	MWD	Weatherford
9/1/2014	12,838	88.03	357.17	8,886	4,703	4,642	-841	1.17	-0.13	-1.16	5,120.74	MWD	Weatherford
9/1/2014	12,933	88.15	357.41	8,890	4,797	4,737	-845	0.28	0.13	0.25	5,215.68	MWD	Weatherford
9/1/2014	13,027	88.09	359.40	8,893	4,891	4,831	-848	2.12	-0.06	2.12	5,309.63	MWD	Weatherford
9/1/2014	13,122	88.64	1.35	8,895	4,986	4,926	-847	2.13	0.58	-376.89	5,404.58	MWD	Weatherford
9/1/2014	13,216	87.72	1.19	8,898	5,079	5,020	-845	0.99	-0.98	-0.17	5,498.54	MWD	Weatherford
9/1/2014	13,310	88.03	0.15	8,902	5,172	5,113	-844	1.15	0.33	-1.11	5,592.47	MWD	Weatherford
9/1/2014	13,405	88.27	359.01	8,905	5,267	5,208	-845	1.23	0.25	377.75	5,687.42	MWD	Weatherford
9/1/2014	13,499	87.78	357.17	8,908	5,360	5,302	-848	2.02	-0.52	-1.96	5,781.36	MWD	Weatherford
9/1/2014	13,594	87.96	356.87	8,912	5,455	5,397	-853	0.37	0.19	-0.32	5,876.29	MWD	Weatherford
9/1/2014	13,688	87.90	358.19	8,915	5,549	5,491	-857	1.40	-0.06	1.40	5,970.23	MWD	Weatherford
9/1/2014	13,783	87.84	359.08	8,919	5,644	5,586	-859	0.94	-0.06	0.94	6,065.16	MWD	Weatherford
9/1/2014	13,878	88.03	358.74	8,922	5,738	5,681	-861	0.41	0.20	-0.36	6,160.10	MWD	Weatherford
9/1/2014	13,972	87.16	357.52	8,926	5,832	5,775	-864	1.59	-0.93	-1.30	6,254.02	MWD	Weatherford
9/1/2014	14,067	88.77	356.36	8,929	5,927	5,869	-869	2.09	1.69	-1.22	6,348.95	MWD	Weatherford

NEWFIELD

Directional Survey

Legal Well Name	Wellbore Name
Accawinna 13-22-15-3-2W-MW	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43013515010000	NENW 544FNL 1445FWL SEC27 T3S R2W MERU	UINTA CB-WASATCH HORZ	Development	Horizontal

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500296224	Duchesne	Utah	8/10/2014 06:00	9/21/2014 00:00

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Unwrap Displace (ft)	Method	Survey Company
9/1/2014	14,161	87.59	355.18	8,932	6,021	5,963	-876	1.77	-1.26	-1.26	6,442.90	MWD	Weatherford
9/1/2014	14,255	88.15	355.30	8,936	6,115	6,057	-884	0.61	0.60	0.13	6,536.83	MWD	Weatherford
9/1/2014	14,350	87.97	356.86	8,939	6,210	6,151	-891	1.65	-0.19	1.64	6,631.78	MWD	Weatherford
9/1/2014	14,444	88.27	358.91	8,942	6,303	6,245	-894	2.20	0.32	2.18	6,725.72	MWD	Weatherford
9/1/2014	14,538	88.21	0.28	8,945	6,397	6,339	-895	1.46	-0.06	-381.52	6,819.68	MWD	Weatherford
9/1/2014	14,632	88.33	0.04	8,948	6,490	6,433	-894	0.28	0.13	-0.25	6,913.63	MWD	Weatherford
9/1/2014	14,727	88.15	358.68	8,951	6,585	6,528	-895	1.45	-0.19	377.51	7,008.59	MWD	Weatherford
9/1/2014	14,821	88.34	358.10	8,954	6,679	6,622	-898	0.65	0.20	-0.62	7,102.54	MWD	Weatherford
9/1/2014	14,915	88.27	359.80	8,956	6,772	6,716	-900	1.81	-0.07	1.81	7,196.50	MWD	Weatherford
9/1/2014	15,010	88.15	0.67	8,959	6,867	6,811	-899	0.92	-0.13	-378.03	7,291.45	MWD	Weatherford
9/1/2014	15,103	88.21	1.46	8,962	6,959	6,904	-898	0.85	0.06	0.85	7,384.40	MWD	Weatherford
9/1/2014	15,198	87.78	0.25	8,966	7,053	6,999	-896	1.35	-0.45	-1.27	7,479.34	MWD	Weatherford
9/1/2014	15,292	87.53	359.32	8,970	7,147	7,093	-897	1.02	-0.27	381.99	7,573.26	MWD	Weatherford
9/1/2014	15,386	87.84	87.84	8,974	7,202	7,154	-838	94.07	0.33	-288.81	7,658.07	MWD	Weatherford
9/1/2014	15,481	88.15	359.06	8,978	7,258	7,216	-779	93.38	0.33	285.49	7,743.76	MWD	Weatherford
9/1/2014	15,575	88.33	358.02	8,981	7,352	7,310	-782	1.12	0.19	-1.11	7,837.71	MWD	Weatherford
9/1/2014	15,670	87.78	0.09	8,985	7,446	7,405	-783	2.25	-0.58	-376.77	7,932.65	MWD	Weatherford
9/1/2014	15,764	88.06	0.49	8,988	7,540	7,499	-783	0.52	0.30	0.43	8,026.59	MWD	Weatherford
9/1/2014	15,858	87.35	355.84	8,992	7,634	7,593	-786	5.00	-0.76	378.03	8,120.49	MWD	Weatherford
9/1/2014	15,953	87.35	352.33	8,996	7,728	7,687	-796	3.69	0.00	-3.69	8,215.37	MWD	Weatherford
9/1/2014	16,048	87.00	353.79	9,001	7,823	7,782	-807	1.58	-0.37	1.54	8,310.25	MWD	Weatherford
9/1/2014	16,142	86.73	356.20	9,006	7,917	7,875	-815	2.58	-0.29	2.56	8,404.11	MWD	Weatherford
9/1/2014	16,237	86.73	359.91	9,011	8,012	7,970	-818	3.90	0.00	3.91	8,498.93	MWD	Weatherford
9/1/2014	16,331	87.29	357.99	9,016	8,105	8,064	-820	2.12	0.60	-2.04	8,592.80	MWD	Weatherford
9/1/2014	16,426	87.41	357.05	9,021	8,200	8,159	-824	1.00	0.13	-0.99	8,687.70	MWD	Weatherford
9/1/2014	16,520	87.29	356.99	9,025	8,294	8,252	-829	0.14	-0.13	-0.06	8,781.60	MWD	Weatherford
9/1/2014	16,614	87.53	355.61	9,029	8,388	8,346	-835	1.49	0.26	-1.47	8,875.50	MWD	Weatherford

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
9/29/2014	9/30/2014	RIH w/ wireline POOH w/ wireline set BP.Run CBL log from9107 to surface. Start RU rock water transfer lines. RU flowback.

Start Time	End Time	Comment
06:00	10:00	SDSIFN. waiting for day light to NU frac stack
10:00	14:00	Hold PJSM, ND 7 1/16" 10K Night cap, NU 10K 7 1/16" Manual Frac Valve, 10K 7 1/16" Flowcross w/dual double 4 1/16" outlets, 10K 7 1//16" "Crown" Manual Frac Valve
14:00	16:00	R/U B & C Quick Test, Pressure Test Frac Stack to Newfields guide lines, 250 psi low / 10,000 psi high
16:00	00:00	Haul H2O, Filling frac tanks w/ H20 (Biocide Treated)

Report Start Date	Report End Date	24hr Activity Summary
9/30/2014	10/1/2014	NU 7 1/16" 10K FMC Frac stack Test to Newfield standard guideline. test water transfer lines. NU flowback to frac stack pressure test.

Start Time	End Time	Comment
00:00	06:00	SDFN
06:00	12:30	Hold PJSM, R/U up Haliburton, Cont. to fill frac tanks with H2O (biocide treated)
12:30	20:15	Haliburton, Pressure test surface lines to 10,000 psi, Pressure test casing to 7,000 psi for 15 min, apply pressure to well attempt to open toe sleeve, 8950 psi 3x, took pressure t/ 9500 psi. Halliburton, Pressure up well attempt to open toe sleeve (9500 psi) Halliburton, Pressure up well attempt to open toe sleeve, Pressure up to 9,500 psi, Put Quick Test pump on line and pressure to 10,060 psi, Held pressure on casing and lost 54 psi in thirty mins, Bleed off pressure and repeat step, Pumped into casing @ 4 bpm to 9,400 psi, continued to pressure up casing with Quick Test pump, pumped casing to 10,153 psi, sleeve open and pressure fell to 4,550 psi, pump into well @ 4.bpm 4,750 psi, @9. Bpm 5,055 psi, pump rate to @14.4 bpm at 5,292 psi, Shut down with SICP @4,345 psi, Called in for orders, Pumping 24 bbls acid at present time @14.4 bpm at 5,340 psi. SICP 4,654 Psi, Shut down and wait on JW.
20:15	22:45	Wait on JW Wireline. Called after getting RSI pumped open.
22:45	23:45	MIRU JW Wireline unit,

Report Start Date	Report End Date	24hr Activity Summary
10/1/2014	10/2/2014	RIH to perf 1 set of holes @ 16,500' - 16,502', Log collars out of hole.

Start Time	End Time	Comment
00:00	01:00	MIRU JW Wireline unit.
01:00	04:00	JW had to run back to shop and get parts for lubricator.
04:00	11:30	MIRU JW Wireline unit, 5 ½" 10k Lubricator, R/U Halib., Pressure Test Lubricator t/9500 psi., Pump down gun and Perf stage #1, Perf @ 16,500' – 16,502' (RSI 16,565' – 16,567' (02'), Log out of hole, (GR – CCL), F/16,485' – T/8426' (172' Above mrk jt. @8598')
11:30	13:30	R/D & Release JW Wireline & Haliburton
13:30	00:00	SWI, Shut down until frac

Report Start Date	Report End Date	24hr Activity Summary
10/2/2014	10/3/2014	Well shut in, wait for frac crew

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
00:00	00:00	Waiting on frac crew

Report Start Date	Report End Date	24hr Activity Summary
10/3/2014	10/4/2014	Well shut in, wait for frac crew

Start Time	End Time	Comment
00:00	00:00	Waiting on frac crew

Report Start Date	Report End Date	24hr Activity Summary
10/4/2014	10/5/2014	Well shut in, wait for frac crew

Start Time	End Time	Comment
00:00	00:00	Waiting on frac crew

Report Start Date	Report End Date	24hr Activity Summary
10/5/2014	10/6/2014	Well shut in, wait for frac crew

Start Time	End Time	Comment
00:00	18:00	SDFN
18:00	00:00	Halliburton moving equipment on location & getting ready to SIRU.

Report Start Date	Report End Date	24hr Activity Summary
10/6/2014	10/7/2014	Halliburton moving equipment on location & getting ready to SIRU.

Start Time	End Time	Comment
00:00	07:00	Halliburton moving equipment on location & getting ready to SIRU.
07:00	10:00	Pressure test Halliburton's iron and get ready to Frac well.
10:00	12:30	Stage #1 Frac 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 7 holes open, 3513 psi perf friction, 47 psi NWB as per FracPro.3. No problems getting into interval, able to work rate up to 60bpm with no issues.4. Trouble lining out several adds during job, had to run several in manual. 5. Had drop in prop conc in 4.0ppg sand stg, let hopper get low.6. No other issues, able to place job completely. WG-36-9.5% (196.7), MC S-2510T-2.2% (1.5) Vicon NF-4.6% (10.5), Losurf 300D-2.2% (2.9) Cat 3/4-2.4% (1.2), BE-9-7.2% (2.9)
12:30	16:00	Stage #2 P&P RIH with guns and Plug to KOP. pumped down guns at 12 bpm @ 4,940 psi, @ 235 fpm, 860 LT, pumped guns to 16,484', Pulled up and got line tension and set plug @ 16,468'. Line tension prior to setting plug 1,920', line tension after plug set 1,730, plug set time 40 sec. POOH and perf'ed at 16,418'-21', 16,358'-61'. 16,294'-297'. POOH with tools, max pressure for pump down: 4,940 psi. Max rate for pump down 12 bpm. Total BBls pumped-364 bbls. All shots fired Dropped ball. Shut well in & turn over to Frac.
16:00	18:00	Frac stg #2. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 17 holes open, 1189 psi perf friction, 169 psi NWB as per FracPro. 3. Able to get into interval and work rate up with no issues. 4. Trouble lining out CL-31 through out job, will try swapping from pulling from tote to HAL tank. 5. Went long on 20/40 white to run out compartments to design volume. 6. No other issues, placed job competely. Ball Seat Stage Pressures and Rate: 5145 psi @ 10.1 bpm , 4885 psi Pressure before Seating , 5145 psi Pressure after Seating .WG-36-8.5% (167.9), BC-200-4.5% (8.9), FR-76-7.8% (2),BA-20-5.8% (1.7), MO-67-2.8% (2.2), MC S-2010T-4.8% (3.6) Vicon NF-4.8% (11.8), Losurf 300D-29.6% (44.1) BE-9-9.5% (4.3)
18:00	18:30	Held Safety meeting with all the night time personel

Start Time	End Time	Comment
18:30	20:30	Stage #3 P&P RIH with guns and Plug to KOP. pumped down guns at 12 bpm @ 4,856 psi, @ 218 fpm, 860 LT, pumped guns to 16,250', Pulled up and got line tension and set plug @ 16,229'. Line tension prior to setting plug 1,880', line tension after plug set 1,560, plug set time 74 sec. POOH and perf'ed at 16,234'-237', 16,174'-177'. 16,115'-118'. POOH with tools, max pressure for pump down: 4,873 psi. Max rate for pump down 12.1 bpm. Total BBls pumped-392 bbls. All shots fired Dropped ball. Shut well in & turn over to Frac.
20:30	22:30	Frac stg #3. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 22 holes open, 597 psi perf friction, 162 psi NWB as per FracPro. 3. Stage went well. Ball Seat Stage Pressures and Rate: 5483 psi @ 14.5 bpm , 5054 psi Pressure before Seating , 5478 psi Pressure after Seating. BC-200-2.3% (4.3), BA-20-4.9% (1.4), CL-31-4.9% (1.4) MC S-2010T-4.2% (3.1) Vicon NF-5% (11.1), Losurf 300D-4% (5.8) Cat 3/4-2.8% (1.3), BE-9-4% (1.7)
22:30	00:00	Stage #4 P&P RIH with guns and Plug to KOP. pumped down guns at 12.4 bpm @ 5,010 psi, @ 233 fpm, 855 LT, pumped guns to 16,082', Pulled up and got line tension and set plug @ 16,059'. Line tension prior to setting plug 1,760', line tension after plug set 1,450, plug set time 60 sec. POOH and perf'ed at 16,055'-058', 15,995'-998'. 15,935'-938'. POOH with tools, max pressure for pump down: 5,010 psi. Max rate for pump down 12.4 bpm. Total BBls pumped-362 bbls. All shots fired Dropped ball. Shut well in & turn over to Frac.

Report Start Date	Report End Date	24hr Activity Summary
10/7/2014	10/8/2014	Frac stg 4, 5, 6, 7, 8 & 9. Perf stg 5, 6, 7, 8 & 9

Start Time	End Time	Comment
00:00	00:30	POOH with tool string and guns after shooting stg #4
00:30	02:30	Frac stg #4 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 20 holes open, 1642 psi perf friction, 72 psi NWB as per FracPro.3. STS pumped 4 gallons of FFI 3300 during the staged.4. Stage went well. Ball Seat Stage Pressures and Rate: 5147 psi @ 14.3 bpm , 5031 psi Pressure before Seating , 5121 psi Pressure after Seating WG-36-4.8% (81.8), BC-200-4.2% (7.2), FR-76-6.3% (1.1),BA-20-4.8% (1.2), CL-31-8.6% (2.2) MO-67-4.8% (3.3), MC S-2010T-4.8% (3.3) Vicon NF-3.9% (8), Losurf 300D-3.3% (4.5) Cat 3/4-4.6% (2),
02:30	05:00	Stage #5 P&P RIH with guns and Plug to KOP. pumped down guns at 12.5 bpm @ 5,090 psi, @ 246 fpm, 850 LT, pumped guns to 15,880', Pulled up and got line tension and set plug @ 15,870'. Line tension prior to setting plug 1,725', line tension after plug set 1,390, plug set time 34 sec. POOH and perf'ed at 15,876'-879', 15,816'-819'. 15,756'-759'. POOH with tools, max pressure for pump down: 5,090 psi. Max rate for pump down 12.5 bpm. Total BBls pumped-356 bbls. All shots fired Dropped ball. Shut well in & turn over to Frac.
05:00	06:30	Frac stg #5. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl.2. Calculated 19 holes open, 1923 psi perf friction, 35 psi NWB as per FracPro.3. STS pumped 4 gallons of FFI 2100 during the stage.4. Stage went well. Ball Seat Stage Pressures and Rate: 5307 psi @ 14.8 bpm , 5042 psi Pressure before Seating , 5307 psi Pressure after Seating BA-20-4.2% (1.1), MO-67-4.7% (3.4), MC S-2010T-2.4% (1.7) Vicon NF-2.3% (5), Losurf 300D-4.7% (6.6) Cat 3/4-3.9% (1.8), BE-9-4.3% (1.8) 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 19 holes open, 1923 psi perf friction, 35 psi NWB as per FracPro.3. STS pumped 4 gallons of FFI 2100 during the stage. 4. Stage went well. Ball Seat Stage Pressures and Rate: 5307 psi @ 14.8 bpm , 5042 psi Pressure before Seating , 5307 psi Pressure after Seating. BA-20-4.2% (1.1), MO-67-4.7% (3.4), MC S-2010T-2.4% (1.7) Vicon NF-2.3% (5), Losurf 300D-4.7% (6.6) Cat 3/4-3.9% (1.8), BE-9-4.3% (1.8)

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
06:30	08:30	Stage #6 P&P RIH with guns and Plug to KOP. pumped down guns at 14 bpm @ 5,154 psi, @ 230 fpm, 840 LT, pumped guns to 15,750', Pulled up and got line tension and set plug @ 15,732'. Line tension prior to setting plug 1,930', line tension after plug set 1,703, plug set time 58 sec. POOH and perf'ed at 15,706'-709', 15,640'-643'. 15,587'-590'. POOH with tools, max pressure for pump down: 5,154 psi. Max rate for pump down 14 bpm. Total BBls pumped-357 bbls. All shots fired Dropped ball. Shut well in & turn over to Frac.
08:30	10:00	Frac Stage #6. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 20 holes open, 875 psi perf friction, 59 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 4100 during the staged. 4. BE-9 ran high, pumped additional 19gal. Will check pump & MicroMotion between jobs. 5. No other issues, overall good job by crew. Ball Seat Stage Pressures and Rate: 5260 psi @ 15.2 bpm , 5040 psi Pressure before Seating , 5275 psi Pressure after Seating. BC-200-4.4% (7.9), BA-20-5.9% (1.6), MO-67-4% (2.8), MC S-2010T-4% (2.7) Vicon NF-4.9% (10.3), Losurf 300D-4.8% (6.5) Cat 3/4-4.2% (2.4), B-9-46.5% (19)
10:00	12:30	Stage #7 P&P RIH with guns and Plug to KOP. pumped down guns at 14 bpm @ 4,912 psi, @ 260 fpm, 890 LT, pumped guns to 15,555', Pulled up and got line tension and set plug @ 15,550'. Line tension prior to setting plug 2,458', line tension after plug set 2,003, plug set time 70 sec. POOH and perf'ed at 15,525'-528', 15,465'-468'. 15,407'-410'. POOH with tools, max pressure for pump down: 4,912 psi. Max rate for pump down 14 bpm. Total BBls pumped-360 bbls. All shots fired Dropped ball. Shut well in & turn over to Frac.
12:30	14:30	Grease Frac valves.
14:30	16:30	Frac Stage #7. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 19 holes open, 949 psi perf friction, 55 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 5200 during the staged. 4. Staged out of white sand and went to resin coated sand early. 5. No other problems, able to place job with no issues. Ball Seat Stage Pressures and Rate: 5185 psi @ 15.2 bpm , 4990 psi Pressure before Seating , 5265 psi Pressure after Seating. BA-20-4.8% (1.2), MO-67-3.7% (2.2), MC S-2010T-4.1% (2.8) Vicon NF-3.1% (6.5), Losurf 300D-4.7% (6.4) Cat 3/4-3.7% (2.2), BE-9-5.1% (2.1)
16:30	18:00	Stage #8 P&P RIH with guns and Plug to KOP. pumped down guns at 13 bpm @ 4,905 psi, @ 260 fpm, 880 LT, pumped guns to 15,400', Pulled up and got line tension and set plug @ 15,385'. Line tension prior to setting plug 2,187', line tension after plug set 1,750, plug set time 48 sec. POOH and perf'ed at 15,348'-351', 15,288'-291'. 15,232'-235'. POOH with tools, max pressure for pump down: 4,905 psi. Max rate for pump down 14 bpm. Total BBls pumped-333 bbls. All shots fired Dropped ball. Shut well in & turn over to Frac.
18:00	19:30	frac stg #8- 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 20 holes open, 762 psi perf friction, 116 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 3500 during the staged.4. Stage went well. Ball Seat Stage Pressures and Rate: 5070 psi @ 14.6 bpm , 4935 psi Pressure before Seating , 5070 psi Pressure after Seating. BC-200-2% (3.3), MO-67-2.1% (1.2), MC S-2010T-3.7% (2.3) Vicon NF-5.1% (10.5), Cat 3/4-3.9% (2.2), BE-9-7.3% (2.8)
19:30	21:30	Stage #9 P&P RIH with guns and Plug to KOP. pumped down guns at 13 bpm @ 5,500 psi, @ 280 fpm, 880 LT, pumped guns to 15,182', Pulled up and got line tension and set plug @ 15,150'. Line tension prior to setting plug 2,000', line tension after plug set 1,670, plug set time 74 sec. POOH and perf'ed at 15,166'-169', 15,104'-107'. 15,029'-032'. POOH with tools, max pressure for pump down: 5,500 psi. Max rate for pump down 13.2 bpm. Total BBls pumped-310 bbls. POOH right now.

Start Time	End Time	Comment
21:30	23:00	Stage #9 Frac 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 21 holes open, 904 psi perf friction, 60 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 2400 during the staged. 4. Stage went well. BC-200-4.7% (7.3), FR-76-8.5% (1.3),BA-20-6.4% (1.5), CL-31-6.4% (1.5) MO-67-3.9% (2.2), MC S-2010T-4.2% (2.6) Vicon NF-4.8% (9.3), Losurf 300D-4.2% (5.2) Cat 3/4-3.4% (1.8), BE-9-8.5% (3.1)
23:00	00:00	RIH to P&P stage #10

Report Start Date	Report End Date	24hr Activity Summary
10/8/2014	10/9/2014	Frac stgs 10,11,12,13,14 & 15. Perf stgs 10,11,12,13,14,15 &16

Start Time	End Time	Comment
00:00	01:00	Stage #10 P&P RIH with guns and Plug to KOP. pumped down guns at 13.3 bpm @ 5,110 psi, @ 302 fpm, 865 LT, pumped guns to 15,000', Pulled up and got line tension and set plug @ 14,975'. Line tension prior to setting plug 1,620', line tension after plug set 1,350, plug set time 47 sec. POOH and perf'ed at 14,967'-970', 14,905'-908'. 14,841'-844'. POOH with tools, max pressure for pump down: 5,110 psi. Max rate for pump down 13.3 bpm. Total BBls pumped-294 bbls. All shots fired. Dropped ball. Shut well in & turn over to Frac.
01:00	02:30	Stage #10 frac 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 20 holes open, 926 psi perf friction, 0 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 4300 during the staged.4. Smooth stage. BC-200-3.4% (5.3), MO-67-4.6% (2.5), MC S-2010T-4.1% (2.5) Vicon NF-4.8% (9), Losurf 300D-4.1% (5) Cat 3/4-2.7% (1.5), BE-9-4.7% (1.7)
02:30	04:30	Stage #11 P&P RIH with guns and Plug to KOP. pumped down guns at 13.2 bpm @ 5,310 psi, @ 238 fpm, 960 LT, pumped guns to 14,800', Pulled up and got line tension and set plug @ 14,776'. Line tension prior to setting plug 1,570', line tension after plug set 1,300, plug set time 74 sec. POOH and perf'ed at 14,780'-783', 14,720'-723'. 14,660'-663'. POOH with tools, max pressure for pump down: 5,310 psi. Max rate for pump down 13.2 bpm. Total BBls pumped-303 bbls. All shots fired. Dropped ball. Shut well in & turn over to Frac.
04:30	06:30	Stage #11 frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 26 holes open, 568 psi perf friction, 324 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 3200 during the stage. 4. Smooth Stage. WG-36-2.6% (41.4), BC-200-3.6% (5.8), MO-67-4.7% (2.6), Vicon NF-5% (9.4), Cat 3/4-4.7% (2.6),
06:30	08:00	Stage #12 P&P RIH with guns and Plug to KOP. pumped down guns at 13.0 bpm @ 5,250 psi, @ 240 fpm, 930 LT, pumped guns to 14,650', Pulled up and got line tension and set plug @ 14,640'. Line tension prior to setting plug 1,784', line tension after plug set 1,420, plug set time 56 sec. POOH and perf'ed at 14,600-603', 14,540-543'. 14,481-484'. POOH with tools, max pressure for pump down: 5,250 psi. Max rate for pump down 13 bpm. Total BBls pumped-294 bbls. All shots fired. Dropped ball. Shut well in & turn over to Frac.
08:00	10:00	Stage #12 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 21 holes open, 736 psi perf friction, 40 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 2200 during the staged. 4. Good job with no issues, pumped job to completion. *Ball Seat Stage* Pressures and Rate: 5115 psi @ 15.2 bpm , 5040 psi Pressure before Seating , 5115 psi Pressure after Seating. BC-200-4.7% (7.5), CL-31-4.7% (1.1) MO-67-4.5% (2.5), MC S-2010T-3.7% (2.3) Vicon NF-4.7% (9), Losurf 300D-4.5% (5.6) Cat 3/4-4.5% (2.5),

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
10:00	11:30	Stage #13 P&P RIH with guns and Plug to KOP. pumped down guns at 13.0 bpm @ 5,155 psi, @ 270 fpm, 850 LT, pumped guns to 14,460', Pulled up and got line tension and set plug @ 14,439'. Line tension prior to setting plug 1,837', line tension after plug set 1,468, plug set time 72 sec. POOH and perf'ed at 14,421-424', 14,373-376'. 14,301-304'. POOH with tools, max pressure for pump down: 5,155 psi. Max rate for pump down 13 bpm. Total BBls pumped-303 bbls. All shots fired. Dropped ball. Shut well in & turn over to Frac.
11:30	13:00	Grease Frac Valves.
13:00	14:45	Drop ball & start Stage #13 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 23 holes open, 625 psi perf friction, 42 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 2000 during the staged. 4. Had low Xlink pH during job, MO-67 did not go down properly left in bucket test mode. 5. No other issues, able to place job completely. Ball Seat Stage Pressures and Rate: 5925 psi @ 15.1 bpm , 5855 psi Pressure before Seating , 5925 psi Pressure after Seating. BC-200-4.7% (7.4), MO-67-27.5% (15.2), MC S-2010T-9.6% (5.9) Vicon NF-4.9% (9.3), Losurf 300D-3.1% (3.9) Cat 3/4-3.9% (2.2),
14:45	16:15	Stage #14 P&P RIH with guns and Plug to KOP. pumped down guns at 13.1 bpm @ 5,035 psi, @ 260 fpm, 950 LT, pumped guns to 14,248', Pulled up and got line tension and set plug @ 14,236'. Line tension prior to setting plug 1,586', line tension after plug set 1,325, plug set time 46 sec. POOH and perf'ed at 14,242-245', 14,172-175'. 14,109-112'. POOH with tools, max pressure for pump down: 5,035 psi. Max rate for pump down 13.2 bpm. Total BBls pumped-288 bbls. All shots fired dropped ball. Shut well in & turn over to Frac.
16:15	18:00	Stage #14 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 21 holes open, 739 psi perf friction, 39 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 2700 during the staged. 4. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 5020 psi @ 15.1 bpm , 4880 psi Pressure before Seating , 5020 psi Pressure after Seating BC-200-3.9% (6.2), MO-67-3.6% (2), MC S-2010T-4.8% (2.9) Vicon NF-4.1% (7.7), Losurf 300D-4% (4.8) Cat 3/4-3.6% (2), BE-9-2.9% (1.1)
18:00	19:45	Stage #15 P&P RIH with guns and Plug to KOP. pumped down guns at 13.5 bpm @ 5,050 psi, @ 280 fpm, 950 LT, pumped guns to 14,104', Pulled up and got line tension and set plug @ 14,049'. Line tension prior to setting plug 1,650', line tension after plug set 1,325, plug set time 63 sec. POOH and perf'ed at 14,032'-035', 13,963'-966'. 13,893'-896'. POOH with tools, max pressure for pump down: 5,050 psi. Max rate for pump down 13.5 bpm. Total BBls pumped-260 bbls. All shots fired dropped ball. Shut well in & turn over to Frac.
19:45	21:45	frac stg #15. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 25 holes open, 1119 psi perf friction, 17 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 2200 during the staged. 4. Smooth stage. BC-200-2% (3.1), MO-67-3% (1.6), MC S-2010T-3.8% (2.4) Vicon NF-5% (9.6), Cat 3/4-4.5% (2.4),
21:45	23:30	Stage #16 P&P RIH with guns and Plug to KOP. pumped down guns at 13.6 bpm @ 5,080 psi, @ 273 fpm, 922 LT, pumped guns to 13,850', Pulled up and got line tension and set plug @ 13,837'. Line tension prior to setting plug 1,930, line tension after plug set 1,500, plug set time 48 sec. POOH and perf'ed at 13,823'-826', 13,753'-756'. 13,684'-687'. POOH with tools, max pressure for pump down: 5,080 psi. Max rate for pump down 13.6 bpm. Total BBls pumped-251 bbls. POOH now. all shots fired Dropped ball.
23:30	00:00	Frac stage #16

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
10/9/2014	10/10/2014	Frac stgs 16,17,18,19,20,21 & 22. Perf stgs 17,18,19,20,21,22 & 23.

Start Time	End Time	Comment
00:00	01:00	Frac stg #16. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 24 holes open, 1160 psi perf friction, 135 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 5000 during the stage. 4. Stage went well. WG-36-2.3% (35.9), BC-200-3.2% (5), MO -67-4.2% (2.3), MC S-2010T-2.1% (1.2) Vicon NF-4.3% (7.8), Losurf 300D-4.6% (5.4) Cat 3/4-3.2% (1.7),
01:00	02:30	Stage #17 P&P RIH with guns and Plug to KOP. pumped down guns at 13.5 bpm @ 5,010 psi, @ 275 fpm, 900 LT, pumped guns to 13,658', Pulled up and got line tension and set plug @ 13,628'. Line tension prior to setting plug 1,730, line tension after plug set 1,360, plug set time 71 sec. POOH and perf'ed at 13,614'-617', 13,544'-547'. 13,474'-477'. POOH with tools, max pressure for pump down: 5,010 psi. Max rate for pump down 13.5 bpm. Total BBls pumped-243 bbls. POOH now. all shots fired Dropped ball.
02:30	03:00	Halliburton had to do some pump maintenance before starting stg #17 frac.
03:00	04:00	Frac stg #17. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 27 holes open, 903 psi perf friction, 197 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 2500 during the stage. 4. Stage went well. Ball Seat Stage Pressures and Rate: 5040 psi @ 15.6 bpm , 4909 psi Pressure before Seating , 5040 psi Pressure after Seating. BC-200-2.4% (3.7), MC S-2010T-3.7% (2.2) Vicon NF-2.2% (4.1), Losurf 300D-4.8% (5.6) Cat 3/4-4.2% (2.3), BE-9-4.2% (1.5)
04:00	06:00	Stage #18 P&P RIH with guns and Plug to KOP. pumped down guns at 13.5 bpm @ 4,950 psi, @ 265 fpm, 910 LT, pumped guns to 13,427', Pulled up and got line tension and set plug @ 13,419'. Line tension prior to setting plug 1,800, line tension after plug set 1,450, plug set time 43 sec. POOH and perf'ed at 13,405'-408', 13,335'-338'. 13,265'-268'. POOH with tools, max pressure for pump down: 4,950 psi. Max rate for pump down 13.5 bpm. Total BBls pumped-243 bbls. POOH now. all shots fired Dropped ball.
06:00	07:00	Frac stg #18 as designed. All sand placed on formation. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 20 holes open, 780 psi perf friction, 132 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 4200 during the stage. 4. Good job with no issues, placed job completely. Ball Seat Stage Pressures and Rate: 5175 psi @ 14.8 bpm , 4947 psi Pressure before Seating , 5175 psi Pressure after Seating.WG-36-2.3% (36.4), BC-200-4.7% (7.5), MO-67-3.9% (2.2), Vicon NF-5% (9.4), Losurf 300D-5% (6) Cat 3/4-2.1% (1.2), BE-9-4.5% (1.6)
07:00	09:00	Stage #19 P&P - RIH with guns and plug to KOP. pumped down guns at 13 bpm at 4,880 psi, 256 fpm, 888 LTEN. Pumped guns to 13,262'. Pulled up and got line tension and set plug at 13,230'. Line tension prior to setting plug 1,563, line tension after plug set 1,310, plug set time 28 sec. POOH and perfed at 13,170'-173', 13,116'-119'. 13,046'-049'. Max pressure for pump down: 4,920 psi. Max rate for pump down 13 bpm. Total bbls pumped-253 bbls. POH. All tools recovered. All shots fired.
09:00	10:30	Grease frac valves.

Start Time	End Time	Comment
10:30	12:30	Dropped ball.Frac stage #19 as designed. All sand placed on formation. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 21 holes open, 719 psi perf friction, 34 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 3100 during the stage. 4. Good job with no issues, placed job completely. Ball Seat Stage Pressures and Rate: 4830 psi @ 15.1 bpm , 4730 psi Pressure before Seating , 4830 psi Pressure after Seating WG-36-2.2% (34), MO-67-3.8% (2.1), MC S-2010T-4.4% (2.6) Vicon NF-5% (9.3), Losurf 300D-5% (5.8) Cat 3/4-3.8% (2.1),
12:30	14:00	Stage #20 P&P - RIH with guns and plug to KOP. pumped down guns at 13 bpm at 4,874 psi, 273 fpm, 895 LTEN. Pumped guns to 13,043'. Pulled up and got line tension and set plug at 13,018'. Line tension prior to setting plug 1,667, line tension after plug set 1,370, plug set time 1 min, 5 sec. POOH and perf'ed at 12,976'- 12,979', 12,906'- 12,909'. 12,837'- 12,840'. POOH with tools, max pressure for pump down: 4,874 psi. Max rate for pump down 13 bpm. Total bbls pumped-202 bbls. Pull out of hole, All guns fired, Drop Ball, turn over to frac.
14:00	15:30	Frac Stage #20 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 21 holes open, 749 psi perf friction, 100 psi NWB as per FracPro.3. STS pumped 4 gallons of FFI 3100 during the stage. 4. Good job with no issues, placed job completely. Ball Seat Stage Pressures and Rate: 4850 psi @ 15.2 bpm , 4745 psi Pressure before Seating , 4850 psi Pressure after Seating MO-67-3.6% (1.9), MC S-2010T-3.3% (1.9) Vicon NF-4.8% (8.7), Losurf 300D-4.6% (5.2) Cat 3/4-3.6% (1.9),
15:30	17:30	Stage #21 P&P - RIH with guns and plug to KOP. pumped down guns at 12.1 bpm at 4805 psi, 263 fpm, 910 LTEN. Pumped guns to 12,809'. Pulled up and got line tension and set plug at 12,786'. Line tension prior to setting plug 1,440, line tension after plug set 1,222, plug set time 40sec. POOH and perf'ed at 12,767'- 12,770', 12,697'- 12,700'. 12,630'- 12,633'. POOH with tools, max pressure for pump down: 4,810 psi. Max rate for pump down 12.1 bpm. Total bbls pumped-175 bbls. Pull out of hole, All planned guns fired, Drop Ball, Shut well in and turn over to frac.
17:30	19:00	Stg #21 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 15 holes open, 1328 psi perf friction, 50 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 5100 during the stage. 4. Had higher pressure than previous stages, but saw good clean up from Xlink fluid and sand. 5. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 5400 psi @ 15.2 bpm , 4990 psi Pressure before Seating , 5400 psi Pressure after Seating WG-36-4.4% (68.6), BC-200-3.3% (5.2), MO-67-3.9% (2.1), MC S-2010T-2.7% (1.5) Losurf 300D-4.5% (5.1) Cat 3/4-2.1% (1.1), BE -9-3.3% (1.1)
19:00	20:45	Stage #22 P&P - RIH with guns and plug to KOP. pumped down guns at 13.1 bpm at 4,910 psi, 247 fpm, 970 LTEN. Pumped guns to 12,596'. Pulled up and got line tension and set plug at 12,579'. Line tension prior to setting plug 1,480, line tension after plug set 1,200, plug set time 53sec. POOH and perf'ed at 12,558'- 12,561', 12,505'- 12,508'. 12,442'- 12,445'. POOH with tools, max pressure for pump down: 4,910 psi. Max rate for pump down 13.1 bpm. Total bbls pumped-191 bbls. POOH
20:45	22:00	Stage #22 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 19 holes open, 1970 psi perf friction, 951 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 5100 during the stage. 4. Higher initial pressure. Had pumps kick out during the pad. 5. Stage went well with all proppant placed. Ball Seat Stage Pressures and Rate: 6076 psi @ 15.6 bpm , 5315 psi Pressure before Seating , 6003 psi Pressure after Seating. WG-36-4.1% (64.8), BC-200-4.7% (7.4), MO-67-4% (2.2), Vicon NF-4.8% (9), Losurf 300D-5% (5.9) Cat 3/4-2.2% (1.2), BE-9-4.5% (1.6)

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
22:00	23:30	Stage #23 P&P - RIH with guns and plug to KOP. pumped down guns at 13.4 bpm at 5,151 psi, 250 fpm, 850 LTEN. Pumped guns to 12,400'. Pulled up and got line tension and set plug at 12,398'. Line tension prior to setting plug 1,499, line tension after plug set 1,175, plug set time 61sec. POOH and perf'ed at 12,358-361'-, 12,279-282'. 12,199-202'. POOH with tools, max pressure for pump down: 5,154 psi. Max rate for pump down 13.4 bpm. Total bbls pumped-197 bbls. POOH
23:30	00:00	Start Stage #23 Frac

Report Start Date	Report End Date	24hr Activity Summary
10/10/2014	10/11/2014	Frac stages 24,25,26,27,28 & 29. Perf stages 24,25,26,27,28,29 & 30.

Start Time	End Time	Comment
00:00	02:30	Frac stg #23 Only got 10,000 pounds of 100 mesh in the hole. Before pressure got us. Flushed the well had to play with the rate to get up to 25bpm to do a pump down.1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 11 holes open, 1393 psi perf friction, 1405 psi NWB as per FracPro.3. Had higher pressure and leak off during the FET. Pumped additional acid and 10,000 lbs of 100 Mesh.4. Pressure came up with 100 mesh on formation. Had to reduce rate to ~10 bpm.5. Continued pumping until sufficient rate to pumpdown could be maintained.6. Continued with wireline to plug and perf Stage 24.7. STS pumped 4 gallons of FFI 2900. Ball Seat Stage Pressures and Rate: 8160 psi @ 15.3 bpm , 5902 psi Pressure before Seating , 8049 psi Pressure after Seating. FR-76-3.7% (1.6), Vicon NF-3.7% (3.3), Losurf 300D -3.9% (3.8)
02:30	04:30	Stage #24 P&P - RIH with guns and plug to KOP. pumped down guns at 14.3 bpm at 7,650 psi, 174 fpm, 986 LTEN. Pumped guns to 12,144'. Pulled up and got line tension and set plug at 12,129'. Line tension prior to setting plug 1,530, line tension after plug set 1,260, plug set time 60sec. POOH and perf'ed at 12,131'-134'-, 12,060'-063'. 11,992'-995'. POOH with tools, max pressure for pump down: 7,650 psi. Max rate for pump down 14.3 bpm. Total bbls pumped-293 bbls. POOH
04:30	06:00	Frac stg #24. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 26 holes open, 1032 psi perf friction, 569 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 2900 during the stage. 4. Stage went well. WG-36-3.6% (56.2), BC-200-5% (7.9), MO-67-3% (1.6), MC S-2010T-4.6% (2.7) Vicon NF-4.7% (8.7), Losurf 300D-4.8% (5.6)
06:00	07:30	Stage #25 P&P - RIH with guns and plug to KOP. pumped down guns at 13.1 bpm at 4,984 psi, 268 fpm, 893 LTEN. Pumped guns to 11,977'. Pulled up and got line tension and set plug at 11,950'. Line tension prior to setting plug 1,550, line tension after plug set 1,277, plug set time 84 sec. POOH and perf'ed at 11,923'-926'-, 11,880'-883'. 11,800'-803'. Max pressure for pump down: 5,000 psi. Max rate for pump down 13.1 bpm. Total bbls pumped-158 bbls. POOH. All tools recovered. All shots fired.
07:30	09:00	Grease frac valves.
09:00	10:30	Frac stage #25. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 20 holes open, 832 psi perf friction, 194 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 1400 during the stage. 4. Good job with no issues, placed job completely. Ball Seat Stage Pressures and Rate: 5285 psi @ 15.2 bpm , 5030 psi Pressure before Seating , 5285 psi Pressure after Seating. WG-36-2.7% (43.6), BA-20-5% (1.2), CL-31-5% (1.2) MO-67-2.6% (1.5), MC S-2010T-3.6% (2) Vicon NF-4% (7.4), Losurf 300D-4.4% (5) Cat 3/4-2.6% (1.5), BE-9-4.1% (1.4)

Start Time	End Time	Comment
10:30	12:00	Stage #26 P&P - RIH with guns and plug to KOP. pumped down guns at 13 bpm at 4,994 psi, 256 fpm, 873 LTEN. Pumped guns to 11,797'. Pulled up and got line tension and set plug at 11,772'. Line tension prior to setting plug 1,580, line tension after plug set 1,255, plug set time 55 sec. POOH and perf'ed at 11,741'-744'-, 11,691'-694'. 11,641'-644'. Max pressure for pump down: 5,003 psi. Max rate for pump down 13 bpm. Total bbls pumped-144 bbls. POOH. All tools recovered. All shots fired.
12:00	13:30	Stage #26 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 17 holes open, 1036 psi perf friction, 243 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 1400 during the stage. 4. Had good ball action and saw good pressure relief from Acid during the BD. 5. Took pump off line during pad, made rate up with rest of pumps. 6. Had higher treating pressure than previous stages, but saw good pressure relief when sand reached bottom. 7. No other issues, able to place job completely. Ball Seat Stage Pressures and Rate: 5700 psi @ 15.3 bpm , 5110 psi Pressure before Seating , 5715 psi Pressure after Seating. BC-200-2.1% (3.3), BA-20-5% (1.2), MO-67-3.9% (2.2), Vicon NF-5% (9.2), Losurf 300D-4.1% (4.6) Cat 3/4-3.9% (2.2),
13:30	15:00	Stage #27 P&P - RIH with guns and plug to KOP. Pumped down guns at 13 bpm at 4,861 psi, 250 fpm, 910 LTEN. Pumped guns to 11,604'. Pulled up and got line tension and set plug at 11,571'. Line tension prior to setting plug 1,675, line tension after plug set 1,335, plug set time 45 sec. POOH and perf'ed at 11,571-574'-, 11,531-534'. 11,482-485'. Max pressure for pump down: 4,861 psi. Max rate for pump down 13 bpm. Total bbls pumped-137 bbls. POOH. All tools recovered. All shots fired. Dropped ball & turn over to Frac.
15:00	16:30	Stage #27 Frac 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 20 holes open, 825 psi perf friction, 125 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 1200 during the stage. 4. Lost MO-67 briefly, at the start of the 6ppg sand stg. 5. No other issues, able to place job completely. Ball Seat Stage Pressures and Rate: 5060 psi @ 15.3 bpm , 4865 psi Pressure before Seating , 5075 psi Pressure after Seating. BC-200-2.5% (3.9), MC S-2010T-3.8% (2.1) Losurf 300D-4.7% (5.2) Cat 3/4-4.8% (2.6), BE-9-3.2% (1.1)
16:30	18:00	Stage #28 P&P - RIH with guns and plug to KOP. Pumped down guns at 13.2 bpm at 4,537 psi, 227 fpm, 900 LTEN. Pumped guns to 11,452'. Pulled up and got line tension and set plug at 11,430'. Line tension prior to setting plug 1,525, line tension after plug set 1,275, plug set time 72 sec. POOH and perf'ed at 11,382-385'-, 11,292-295'. 11,232-235'. Max pressure for pump down: 4,537 psi. Max rate for pump down 13.2 bpm. Total bbls pumped-121 bbls. POOH. All tools recovered. All shots fired. Dropped ball & turn over to Frac.
18:00	19:30	Stage #28 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 21 holes open, 866 psi perf friction, 48 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 1200 during the stage. 4. Stage went well. Ball Seat Stage Pressures and Rate: 5020 psi @ 15.6 bpm , 4815 psi Pressure before Seating , 5020 psi Pressure after Seating. WG-36-4.5% (69.7), MC S-2010T-2.6% (1.4) Vicon NF-3.4% (6.1), Losurf 300D-4.9% (5.2) Cat 3/4-4.6% (2.5),
19:30	21:00	Stage #29 P&P - RIH with guns and plug to KOP. Pumped down guns at 13.4 bpm at 4,841 psi, 270 fpm, 920 LTEN. Pumped guns to 11,190'. Pulled up and got line tension and set plug at 11,170'. Line tension prior to setting plug 1,550, line tension after plug set 1,250, plug set time 33 sec. POOH and perf'ed at 11,141-144'-, 11,074-077'. 11,03-006'. Max pressure for pump down: 4,841 psi. Max rate for pump down 13.4 bpm. Total bbls pumped-122 bbls. POOH. All tools recovered. All shots fired. Dropped ball & turn over to Frac.

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
21:00	22:30	Stage #29 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 19 holes open, 1862 psi perf friction, 268 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 900 during the stage. 4. Stage went well. Ball Seat Stage Pressures and Rate: 5463 psi @ 15.4 bpm , 5037 psi Pressure before Seating , 5463 psi Pressure after Seating. WG-36-3.3% (51.7), BC-200-3.7% (5.8), MO-67-2.4% (1.3), MC S-2010T-4.8% (2.6) Losurf 300D-3% (3.2) Cat 3/4-4.3% (2.3),
22:30	00:00	Stage #29 P&P - RIH with guns and plug to KOP. Pumped down guns at 13.4 bpm at 4,841 psi, 270 fpm, 920 LTEN. Pumped guns to 10,978'. Pulled up and got line tension and set plug at 10,962'. Line tension prior to setting plug 1,600, line tension after plug set 1,345, plug set time 42 sec. POOH and perf'ed at 10,924-927', 10,854-857', 10,784-787', Max pressure for pump down: 4,978 psi. Max rate for pump down 13.4 bpm. Total bbls pumped-125 bbls. POOH. All tools recovered. All shots fired. Dropped ball & turn over to Frac.

Report Start Date	Report End Date	24hr Activity Summary
10/11/2014	10/12/2014	Frac Stages 32, 33, 34, 35, 36 &37. Perf Stages 33, 34, 35, 36, 37 & 38

Start Time	End Time	Comment
00:00	01:30	Frac stg #30. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 22 holes open, 1391 psi perf friction, 1643 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 900 during the stage. 4. Stage went well. Ball Seat Stage Pressures and Rate: 6509 psi @ 15.4 bpm , 5464 psi Pressure before Seating , 6509 psi Pressure after Seating. WG-36-4.2% (65.1), BC-200-2.4% (3.8), MC S-2010T-2.9% (1.6) Vicon NF-2.5% (4.5), Losurf 300D-4.7% (5.2)
01:30	03:00	Stage #31 P&P - RIH with guns and plug to KOP. Pumped down guns at 13.1 bpm at 5,460 psi, 185 fpm, 903 LTEN. Pumped guns to 10,742'. Pulled up and got line tension and set plug at 10,719'. Line tension prior to setting plug 1,500, line tension after plug set 1,200, plug set time 70 sec. POOH and perf'ed at 10,714'-717'-, 10,646'-649'. 10,575'-578'. Max pressure for pump down: 5,460 psi. Max rate for pump down 13.1 bpm. Total bbls pumped-114 bbls. POOH
03:00	04:00	Frac stg #31. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl .2. Calculated 20 holes open, 941 psi perf friction, 1575 psi NWB as per FracPro. 3. STS pumped 3 gallons of FFI 1000 during the stage.4. Had high leakoff and pressure during fet. Pumped a 0.25 ppg 50 bbl 100 Mesh slug.5. Pressure rose as soon as 100 Mesh hit formation. 6. Decision was made to move on to Stage 32.Ball Seat Stage Pressures and Rate: 6967 psi @ 15.4 bpm , 6094 psi Pressure before Seating , 6967 psi Pressure after Seating. FR-76-4.9% (1.4),Vicon NF-3.1% (1.8), Losurf 300D-2.9% (1.8)
04:00	05:30	Stage #32 P&P - RIH with guns and plug to KOP. Pumped down guns at 14.1 bpm at 6,250 psi, 245 fpm, 850 LTEN. Pumped guns to 10,528'. Pulled up and got line tension and set plug at 10,501'. Line tension prior to setting plug 1,520, line tension after plug set 1,150, plug set time 49 sec. POOH and perf'ed at 10,505'-508'-, 10,435'-438'. 10,366'-369'. Max pressure for pump down: 6,250 psi. Max rate for pump down 14.1 bpm. Total bbls pumped-111 bbls. POOH.
05:30	07:00	Frac stg #32. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 21 holes open, 1478 psi perf friction, 1427 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 1000 during the stage. 4. Had high initial treating pressure but saw good clean up when sand reached bottom. 5. No other issues, able to place job completely. Ball Seat Stage Pressures and Rate: 6548 psi @ 15.5 bpm , 6063 psi Pressure before Seating , 6426 psi Pressure after Seating WG-36-4.4% (70.8), BC-200-3.2% (5.1), CL-31-4.2% (1) Vicon NF-3.2% (5.9), Losurf 300D-4.6% (5). BE-9-3.5% (1.2)

Start Time	End Time	Comment
07:00	08:30	Stage #33 P&P - RIH with guns and plug to KOP. Pumped down guns at 13 bpm at 5,390 psi, 230 fpm, 835 LTEN. Pumped guns to 10,353'. Pulled up and got line tension and set plug at 10,320'. Line tension prior to setting plug 1,540, line tension after plug set 1,180, plug set time 54 sec. POOH and perf'ed at 10,295'-298'-, 10,226'-229'. 10,156'-159'. Max pressure for pump down: 5,407 psi. Max rate for pump down 13 bpm. Total bbls pumped-82 bbls. POOH. All tools recovered. All shots fired.
08:30	10:00	Frac stage #33. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 23 holes open, 614 psi perf friction, 1633 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 1300 during the stage. 4. Due to higher leak-off during FET, ran 5000lbs of 100Mesh on job. Worked rate up to 50bpm. 5. Saw good clean up from Xlinked fluid and when 30/50 sand reached bottom. Able to work rate to 60bpm. 6. No other issues, able to place job completely. Good job by crew making adjustments. Ball Seat Stage Pressures and Rate: 7100 psi @ 15.1 bpm , 5945 psi Pressure before Seating , 7120 psi Pressure after Seating. MO-67-4.1% (2.2), MC S-2010T-4.3% (2.6) Vicon NF-4.8% (9.5), Losurf 300D-4.7% (5.8) Cat 3/4-4.1% (2.2), BE-9-4.5% (1.6)
10:00	11:00	Stage #34 P&P - RIH with guns and plug to KOP. Pumped down guns at 13.1 bpm at 5,721 psi, 236 fpm, 812 LTEN. Pumped guns to 10,146'. Pulled up and got line tension and set plug at 10,115'. Line tension prior to setting plug 1,490, line tension after plug set 1,140, plug set time 34 sec. POOH and perf'ed at 10,087'-091'-, 10,018'-021'. 9,947'-950'. Max pressure for pump down: 5,721 psi. Max rate for pump down 13.1 bpm. Total bbls pumped-72 bbls. POOH. All tools recovered. All shots fired.
11:00	12:00	Grease frac valves..
12:00	13:30	Frac stage #34. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 17 holes open, 1055 psi perf friction, 713 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 1300 during the stage. 4. Good job with no issues, placed job completely. Ball Seat Stage Pressures and Rate: 6535 psi @ 15.1 bpm , 5885 psi Pressure before Seating , 6535 psi Pressure after Seating. BC-200-4.9% (7.6), BA-20-5.1% (1.2), MO-67-3.3% (1.8), Vicon NF-5% (8.9), Losurf 300D-4.6% (4.8) Cat 3/4-3.3% (1.8),
13:30	14:30	Stage #35 P&P - RIH with guns and plug to KOP. Pumped down guns at 12.1 bpm at 4,877 psi, 253 fpm, 799 LTEN. Pumped guns to 9,939'. Pulled up and got line tension and set plug at 9,908'. Line tension prior to setting plug 1,500, line tension after plug set 1,155, plug set time 44 sec. POOH and perf'ed at 9,878'-881'-, 9,808'-811'. 9,738'-741'. Max pressure for pump down: 5,037 psi. Max rate for pump down 12.1 bpm. Total bbls pumped-56 bbls. POOH. All tools recovered. All shots fired.
14:30	16:00	Frac stage #35. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 19 holes open, 906 psi perf friction, 541 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 800 during the stage. 4. Good job with no issues, placed completely. Ball Seat Stage Pressures and Rate: 5950 psi @ 15.2 bpm , 5320 psi Pressure before Seating , 5975 psi Pressure after Seating. BC-200-4.2% (6.3), MO-67-7.5% (3.9), MC S-2010T-4.8% (2.4) Vicon NF-4.5% (7.7), Losurf 300D-4.8% (4.8) Cat 3/4-3.6% (1.9), BE-9-4.6% (1.4)

Start Time	End Time	Comment
16:00	17:30	Stage #36 P&P - RIH with guns and plug to KOP. Pumped down guns at 13 bpm at 4,896 psi, 228 fpm, 905 LTEN. Pumped guns to 9,729'. Pulled up and got line tension and set plug at 9,700'. Line tension prior to setting plug 1,570, line tension after plug set 1,215, plug set time 46 sec. POOH and perf'ed at 9,668'-671', 9,598'-601'. 9,528'-531'. Max pressure for pump down: 4,951 psi. Max rate for pump down 13 bpm. Total bbls pumped-50 bbls. POOH. All tools recovered. All shots fired.
17:30	19:00	Frac Stage #36. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 13 holes open, 693 psi perf friction, 2342 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 800 during the stage. 4. Had high leak-off after BD, planned to run 30/50 slug to watch pressure response. 5. Miscommunication on MM, ran 0.5ppg 100Mesh saw. Pressure increased when it reached bottom. 6. Sent 0.5ppg 30/50 sand slug after 100Mesh was clear, pressure increased when it reached bottom. Saw no clean up. 7. Cut Xlinkers and flushed cleared WB of Xlink fluid. Turned over to WL and moved on to stg 37. Ball Seat Stage Pressures and Rate: 7505 psi @ 15.2 bpm , 5840 psi Pressure before Seating , 7580 psi Pressure after Seating Vicon NF-4% (5), Losurf 300D-3.1% (2.4)
19:00	20:30	Stage #37 P&P - RIH with guns and plug to KOP. Pumped down guns at 13 bpm at 6,240 psi, 202 fpm, 890 LTEN. Pumped guns to 9,512'. Pulled up and got line tension and set plug at 9,494'. Line tension prior to setting plug 1,430, line tension after plug set 1,117, plug set time 46 sec. POOH and perf'ed at 9,459-462', 9,403-406'. 9,339-342'. Max pressure for pump down: 6,240 psi. Max rate for pump down 13 bpm. Total bbls pumped 61 bbls. POOH. All shots fired. Drop bioball, shut well in & turn over to Frac.
20:30	22:00	Frac Stage #37 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl . 2. Calculated 21 holes open, 1558 psi perf friction, 978 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 200 during the stage. 4. Had higher ISIP and Leakoff during FET. Pumped a 30/50 slug during pad. 5. Continued with job observing each concentration on formation before increasing. 6. Job was pumped to completion with all proppant placed. Ball Seat Stage Pressures and Rate: 7293 psi @ 15.3 bpm , 6194 psi Pressure before Seating , 7166 psi Pressure after Seating. WG-36-2.3% (60.9), BC-200-5% (12.9), MO-67-2.3% (2.4), Vicon NF-4.6% (13.1), Losurf 300D-5% (7.8) BE-9-3.9% (1.8)
22:00	23:30	: Stage #38 P&P - RIH with guns and plug to KOP. Pumped down guns at 12.8 bpm at 5,905 psi, 180 fpm, 940 LTEN. Pumped guns to 9,325'. Pulled up and got line tension and set plug at 9,316'. Line tension prior to setting plug 1,507, line tension after plug set 1,156, plug set time 82 sec. POOH and perf'ed at 9,300-303', 9,250-253'. 9,204-207'. Max pressure for pump down: 5,905 psi. Max rate for pump down 12.8 bpm. Total bbls pumped 69 bbls. POOH. All shots fired. Drop bioball, shut well in & turn over to Frac.
23:30	00:00	Start Frac on Stage #38.

Report Start Date	Report End Date	24hr Activity Summary
10/12/2014	10/13/2014	

Start Time	End Time	Comment
00:00	01:30	Stage #38 Frac. 1. Global Kick Outs set at 9500 psi. Pressure tested to 10500 psi. Job pumped Produced Water with 0.25% KCl. 2. Calculated 16 holes open, 2612 psi perf friction, 256 psi NWB as per FracPro. 3. STS pumped 4 gallons of FFI 200 during the stage. 4. Stage went well. Ball Seat Stage Pressures and Rate: 5404 psi @ 15.5 bpm , 5222 psi Pressure before Seating , 5404 psi Pressure after Seating. BC-200-2.9% (4.2), MO-67-3% (1.5), MC S-2010T-3.9% (1.9) Vicon NF-4.4% (7.4), Losurf 300D-2.9% (2.8) Cat 3/4-4.8% (2.5),

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
01:30	04:00	Shut well in W/4700 psi. RD J-W wireline & Halliburton & move equipment off location.
04:00	11:00	Remove FMC Head & NU night cap on top of frac valves.RU flow back iron. RU flowback iron to production tanks. Pressure test FB iron to 300 psi low/5000 psi high to Newfield's requirements.
11:00	00:00	10:40 AM - SICP 3854 psi. Start flowing well on 6/64" positive choke to production tanks.

Report Start Date	Report End Date	24hr Activity Summary
10/20/2014	10/21/2014	ND frac stack, NU BOP's MIRU WOR & Snubbing unit, Prep to drill out plugs

Start Time	End Time	Comment
00:00	08:30	Flowing well to production, 1.5 bpm @ 3,600 Psi.
08:30	11:00	Prep location to drill out frac plugs, Call for equipment for drill out,
11:00	16:30	Welling flowing 1.5 bpm @3,600 Psi, Shut HCR valve and ND frac stack, 10K 7-1/16" 'Upper Master' manual frac valve, 10K 7-1/16" flowcross with dual, double 4-1/16" outlets, 10K 7-1/16" 'Crown' manual frac valve, NU BOP's, Test BOP's as per Newfield's procedures, 250 psi low, 10,000 psi high, Stack as follows: 10K 7-1/16" HCR (Already Installed on Wellhead),10K 7-1/16" BOP with Blind shear rams and double valve choke/kill outlets, 10K 7-1/16" pipe BOP with 2-3/8" rams, 10K 7-1/16" flow cross with dual, double valved 2-1/16" outlets, 10K 7-1/16" single pipe BOP with 2-3/8" rams,
16:30	19:00	Spot Nabors WOR and R/U unit,
19:00	22:00	RU snub unit & 7 1/16" spools under unit to be able to swallow BHA.
22:00	00:00	Pressure test spools & snub unit as per Newfield's procedures, 250 low 10k high

Report Start Date	Report End Date	24hr Activity Summary
10/21/2014	10/22/2014	ND frac stack, NU BOP's MIRU WOR & Snubbing unit, Prep to drill out plugs

Start Time	End Time	Comment
00:00	01:30	Pressure test snub unit, spools & flow back iron. Transfered water to work tanks.
01:30	06:00	Spot in Pipe wrangler, move tubing over, prep & tally tubing get ready to PU tubing @ first light.
06:00	13:00	Spot in Pipe wrangler, move tubing over, prep & tally tubing get ready to PU tubing @ first light.
13:00	15:00	PUMU BHA and place in stack, pressure stack, open well and flowed well to lower pressure to 3,500 and below, try to RIH BHA and tagged up at well head, Work tbg to inter casing, unable to inter well head, Shut in well, bleed off pressure from stack and pull BHA and check tag point with tools, found mill depth at well head, checked pins and found one pin in about ¼", screw out pin, Run BHA back in stack and pressurized stack, open well with flowback shut in, Try to enter casing and tagged up in same place worked tbg and entered casing, RIH with tbg,
15:00	18:00	PUMU BHA and put in stack above HCR valve, Close rams and pressurize unit, SICP @ 3,500' Psi. Start flowing well to lower well pressure and start in hole with tbg. RIH with BHA as described below (bottom to top), 4.625" OD 4 blade concave insert mill (PAC), 2 7/8" ECTD Motor, Hydraulic Circulating sub, Coil style dual back pressure valve, 2' pup 2-3/8" 5.95# P-110 PH6, RN-Nipple, 2-3/8"5.95# P-110 PH6 to surface,
18:00	21:30	Running in hole W/tbg filling every 30 jts. Snubbing slips broke shut down to fix.
21:30	00:00	Fix slips on snub unit. Ran 2 jts in the hole and slip pin broke again. Shut down waiting on new pins.

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
10/22/2014	10/23/2014	PU MU BHA & RIH W/tbg filling every 30 jts.

Start Time	End Time	Comment
00:00	00:30	RIH W/4 jts of tbg & snub unit broke down.
00:30	04:00	Fix snub unit slips again.
04:00	06:00	Fill tbg W/153 jts in hole & RD fast line from elevators and use rig to continue to PU tbg. RU Snubbers fast line off of crown & start to PU tbg. Place R-Nipple on top of jt #161 @ 4996'. Con't RIH W/tbg to jt #183 & fill tbg.
06:00	14:00	Continue to RIH with BHA & tbg to plug #37 @9,316',
14:00	16:00	Tie back and pick up swivel,
16:00	18:00	Start pumping thru tbg to get system up and running to start drilling on plug, shut down to change seat in pump, start pumping again and had leak in stand pipe, shut down to repair stand pipe and redo suction hoses on pumps so as not to have to shut down to change pumps during drilling operations,
18:00	20:00	Tag plug #38 @9316' on jt #301 up wt 42k, down wt 32k, neutral wt 38k, free torque 3800 , Drill torque 4300, WOB 5k, RPM 90, BPM in 2 @ 3800 psi, BPM out 2.5 @ 3350, Choke 11/64, 16 min to drill. Pumped 60 bbls to drill up plug. Pump 10 bbl sweep after every plug. Pump bottoms up every 5 plugs.
20:00	22:30	: Tag plug #37 @9494' on jt #307 up wt 42k, down wt 32k, neutral wt 38k, free torque 3800, Drill torque 4400, WOB 4-5k, RPM 90, BPM in 2 @ 3800 psi, BPM out 2.5 @ 3350, Choke 11/64, 25 min to drill, pumped 66 BBLS to drill up plug. Pump 10 bbl sweep after every plug. Pump bottoms up every 5 plugs. Tag plug #36 @9700' on jt #313 up wt 50k, down wt 37k, neutral wt 43k, free torque – 3800, Drill torque 4300, WOB 4-5k, RPM 90, BPM in 2 @ 3800 psi, BPM out 2.5 @ 3250, Choke 11/64, 9 min to drill pumped 49 bbls to drill up plug. Pump 10 bbl sweep after every plug. Pump bottoms up every 5 plugs.
22:30	00:00	Tag plug #35 @9904' on jt #320 up wt 50k, down wt -37k, neutral wt 44k, free torque 3900, Drill torque 4400, WOB 4-5k, RPM 90, BPM in 2 @ 3900 psi, BPM out 2.5 @ 3200, Choke 11/64, 21 min to drill, pumped 50 bbls to drill up plug. Pump 10 bbl sweep after every plug. Pump bottoms up every 5 plugs.

Report Start Date	Report End Date	24hr Activity Summary
10/23/2014	10/24/2014	RIH W/BHA & 301 JTS. (Filling tbg. w/ H2O Every 30 JTS.), R/U Power Swivel, Drill out Frac Plugs #38, #37, #36, #35

Start Time	End Time	Comment
00:00	01:30	Tag plug #34 @10,016' on jt #326 up wt 50k, down wt 37k, neutral wt 44k, free torque 3800, Drill torque 4400, WOB 4-5k, RPM 90, BPM in 2 @ 3800 psi, BPM out 2.5 @ 3150, Choke 11/64, 18 min to drill, pumped 41 bbls to drill up plug. Pump 10 bbl sweep after every plug. Pump bottoms up every 5 plugs. Circulate bottoms up W/210 bbls. Continue RIH W/tbg.
01:30	03:00	Tag plug #33 @10,320' on jt #333 up wt 50k, down wt 37k, neutral wt 44k, free torque 3800, Drill torque 4200, WOB 4-5k, RPM 90, BPM in 2 @ 3800 psi, BPM out 2.5 @ 3150, Choke 11/64, 22 min to drill, pumped 45 bbls to drill up plug. Pump 10 bbl sweep after every plug. Pump bottoms up every 5 plugs. Continue RIH W/ 7 jts 2 3/8 5.95# PH -6 tbg.

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
03:00	04:30	Tag plug #32 @10,526' on jt #340 up wt 50k, down wt 37k, neutral wt 44k, free torque 3900, Drill torque 4500, WOB 4-5k, RPM 90, BPM in 2 @ 3900 psi, BPM out 2.5 @ 3200, Choke 12/64, 35 min to drill, pumped 74 bbls to drill up plug. Pump 10 bbl sweep after every plug. Pump bottoms up every 5 plugs. Continue RIH W/ 7 jts 2 3/8" 5.95# PH-6 tbg.
04:30	06:00	Tag plug #31 @10,740' on jt #347 up wt 50k, down wt 38k, neutral wt 46k, free torque 3800, Drill torque 4600, WOB 4-5k, RPM 90, BPM in 2 @ 3800 psi, BPM out 2.5 @ 3175, Choke 12/64, 25 min to drill, pumped 50 bbls to drill up plug. Pump 10 bbl sweep after every plug. Pump bottoms up every 5 plugs. Continue to RIH W/ 6 jts 2 3/8" 5.95# PH-6 tbg. Tagged plug #30 @10,962' on jt #353 up weight 50k, down weight 38k, neutral weight 46k, free torque 3,800, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 3,200 psi, 2.5 bbl out @3,200 psi on 12/64" choke. 25 minutes to drill plug. Pumped 52 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 1,000 gals. Pumped 10 bbl gel sweep.
06:00	07:30	Tagged plug #29 @11,170' on jt #361 up weight 50k, down weight 38k, neutral weight 46k, free torque 3,800, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 3,900 psi, 2.5 bbl out @3,200 psi on 12/64" choke. 50 minutes to drill plug. Pumped 115 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 1,000 gals. Pumped 10 bbl gel sweep.
07:30	09:30	Circulate bottoms up with 240 bbls water,
09:30	11:00	Tagged plug #28 at 11,430' on jt #369, up weight 50k, down weight 33k, neutral weight 46k, free torque 4,100, Drill torque 4,700, WOB 4-5k, RPM 90, 2 bbl in @ 4,100 psi, 2.3 bbl out @3,300 psi on 14/64" choke. 31 minutes to drill plug. Pumped 77 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 8 jts, Tagged plug #27 at 11,600' on jt #375, up weight 50k, down weight 33k, neutral weight 42k, free torque 4,100, Drill torque 4,700, WOB 4-5k, RPM 90, 2 bbl in @ 4,700 psi, 2.5 bbl out @3,300 psi on 14/64" choke. 26 minutes to drill plug. Pumped 69 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 4 jts,
11:00	14:00	Tagged plug #26 at 11,743' on jt #380, up weight 50k, down weight 33k, neutral weight 49k, free torque 3,800, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 4,700 psi, 2.6 bbl out @3,250 psi on 14/64" choke. 26 minutes to drill plug. Pumped 75 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 8 jts, Tagged plug #25 at 11,950' on jt #386, up weight 50k, down weight 33k, neutral weight 44k, free torque 4,000, Drill torque 4,700, WOB 4-5k, RPM 90, 2 bbl in @ 4,700 psi, 2.3 bbl out @3,250 psi on 14/64" choke. 36 minutes to drill plug. Pumped 103 bbls water to drill & wash sand out, Pumped 5 gals of Halliburton / N-VIS-L to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 9 jts,
14:00	16:00	Parted Rogue's fast line, No one hit and parted cable only damage, SMS Investigating Tagged plug #24 at 12,160' on jt #393, up weight 50k, down weight 33k, neutral weight 44k, free torque 4,100, Drill torque 4,700, WOB 4-5k, RPM 90, 2 bbl in @ 4,700 psi, 2.3 bbl out @3,300 psi on 14/64" choke. 19 minutes to drill plug. Pumped 55 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 1,000 gals. Pumped 10 bbl gel sweep.
16:00	17:30	Circulate bottoms up with 205 bbls water,

Start Time	End Time	Comment
17:30	19:00	Tagged plug #23 at 12,400' on jt #400, up weight 50k, down weight 32k, neutral weight 40k, free torque 3,800, Drill torque 4,500, WOB 4-5k, RPM 90, 2 bbl in @ 3,800 psi, 2.7 bbl out @3,200 psi on 13/64" choke. 35 minutes to drill plug. Pumped 77 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep. Continue to RIH W/tbg.
19:00	21:30	: Tagged plug #22 at 12,608' on jt #407, up weight 60k, down weight 35k, neutral weight 53k, free torque 3,900, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 3,900 psi, 2.5 bbl out @3,100 psi on 13/64" choke. 63 minutes to drill plug. Pumped 119 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep. Continue to RIH W/tbg.
21:30	23:00	Tagged plug #21 at 12,784' on jt #413, up weight 60k, down weight 35k, neutral weight 53k, free torque 3,700, Drill torque 4,100, WOB 4-5k, RPM 90, 2 bbl in @ 3,700 psi, 2.7 bbl out @3,150 psi on 12/64" choke. 40 minutes to drill plug. Pumped 80 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep. Continue to RIH W/tbg.
23:00	00:00	RIH & tag plg #20 & start drilling.

Report Start Date	Report End Date	24hr Activity Summary
10/24/2014	10/25/2014	Drill Frac plugs #34,32,31,30,29,28,27,6,25,24,23,22,& 21. Circ bottoms up every 5 plugs.

Start Time	End Time	Comment
00:00	01:00	Tagged plug #20 at 13,014' on jt #420, up weight 60k, down weight 35k, neutral weight 53k, free torque 3,700, Drill torque 4,300, WOB 4-5k, RPM 90, 2 bbl in @ 3,700 psi, 2.5 bbl out @3,200 psi on 13/64" choke. 31 minutes to drill plug. Pumped 68 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep. Continue to RIH W/tbg.
01:00	02:00	Tag plug #19 at 13,229' on jt #427, up weight 60k, down weight 35k, neutral weight 53k, free torque 3,900, Drill torque 4,400, WOB 4-5k, RPM 90, 2 bbl in @ 3,900 psi, 2 bbl out @3,150 psi on 13/64" choke. 30 minutes to drill plug. Pumped 58 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep. Pump bottoms up of 265 bbls.
02:00	04:30	Circulate bottoms up W/265 bbls.
04:30	06:00	Tag plug #18 at 13,410' on jt #433, up weight 60k, down weight 35k, neutral weight 53k, free torque 3,900, Drill torque 4,100, WOB 4-5k, RPM 90, 2 bbl in @ 3,900 psi, 2 bbl out @3,200 psi on 13/64" choke. 50 minutes to drill plug. Pumped 108 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep.
06:00	07:00	Tag plug #17 at 13,652' on jt #441, up weight 60k, down weight 35k, neutral weight 53k, free torque 3,800, Drill torque 4,300, WOB 4-5k, RPM 90, 2 bbl in @ 3,800 psi, 2 bbl out @3,150 psi on 13/64" choke. 26 minutes to drill plug. Pumped 73 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep.
07:00	08:00	Tagged plug #16 at 13,837' on jt #447, up weight 60k, down weight 35k, neutral weight 44k, free torque 3,800, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 3,800 psi, 2.5 bbl out @3,100 psi on 17/64" choke. 34 minutes to drill plug. Pumped 68 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 7 jts,
08:00	09:00	Tagged plug #15 at 14,049' on jt #454, up weight 60k, down weight 35k, neutral weight 44k, free torque 3,900, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 3,800 psi, 2.5 bbl out @3,150 psi on 12/64" choke. 29 minutes to drill plug. Pumped 64 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 7 jts,

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
09:00	10:30	Tagged plug #14 at 14,265' on jt #461, up weight 60k, down weight 35k, neutral weight 45k, free torque 4,100, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 4,100 psi, 2.5 bbl out @3,175 psi on 12/64" choke. 47 minutes to drill plug. Pumped 94 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 10 bbl gel sweep.
10:30	12:00	Circulate bottoms up with 240 bbls water, 2 bbl in @ 4,100 psi, 2.5 bbl out @3,175 psi on 17/64" choke
12:00	13:00	Tagged plug #13 at 14,439' on jt #467, up weight 60k, down weight 35k, neutral weight 45k, free torque 4,100, Drill torque 4,700, WOB 4-5k, RPM 90, 2 bbl in @ 4,700 psi, 2.4 bbl out @3,100 psi on 19/64" choke. 33 minutes to drill plug. Pumped 66 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 6 jts,
13:00	14:00	Tagged plug #12 at 14,640' on jt #473, up weight 62k, down weight 35k, neutral weight 45k, free torque 4,100, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @4,600 psi, 2.3 bbl out @3,200 psi on 19/64" choke. 38 minutes to drill plug. Pumped 78 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 5 jts,
14:00	15:30	Tagged plug #11 at 14,776' on jt #478, up weight 62k, down weight 35k, neutral weight 45k, free torque 4,100, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 4,600 psi, 2.2 bbl out @3,200 psi on 19/64" choke. 58 minutes to drill plug. Pumped 116 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 6 jts,
15:30	17:00	Tagged plug #10 at 14,975' on jt #484, up weight 62k, down weight 35k, neutral weight 44k, free torque 4,100, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 4,800 psi, 2.3 bbl out @3,100 psi on 19/64" choke. 43 minutes to drill plug. Pumped 95 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 10 bbl gel sweep. PU & RIH 6 jts,
17:00	18:30	Tagged plug #9 at 15,152' on jt #490, up weight 62k, down weight 35k, neutral weight 45k, free torque 4,100, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 4,800 psi, 2.4 bbl out @3,100 psi on 19/64" choke. 51 minutes to drill plug. Pumped 110 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 10 bbl gel sweep.
18:30	21:00	Circulate bottoms up W/305 bbls
21:00	22:00	Tag plug #8 at 15,380' on jt #497, up weight 62k, down weight 36k, neutral weight 45k, free torque 4,000, Drill torque 4,400, WOB 4-5k, RPM 90, 2 bbl in @ 4,000 psi, 2.6 bbl out @3,200 psi on 18.5/64" choke. 37 minutes to drill plug. Pumped 78 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep.
22:00	23:00	Tag plug #7 at 15,545' on jt #502, up weight 62k, down weight 36k, neutral weight 45k, free torque 4,000, Drill torque 4,300, WOB 4-5k, RPM 90, 2 bbl in @ 4,000 psi, 2.5 bbl out @3,100 psi on 18/64" choke. 35 minutes to drill plug. Pumped 80 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep.
23:00	00:00	Tag plug #6 at 15,722' on jt #508, up weight 62k, down weight 36k, neutral weight 45k, free torque 3,900, Drill torque 4,500, WOB 4-5k, RPM 90, 2 bbl in @ 3,900 psi, 2.5 bbl out @3,200 psi on 18/64" choke. 38 minutes to drill plug. Pumped 83 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep.

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
10/25/2014	10/26/2014	Drill Frac plugs #20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7 & 6. Circ bottoms up every 5 plugs.

Start Time	End Time	Comment
00:00	01:00	Tag plug #5 at 15,868' on jt #514, up weight 63k, down weight 35k, neutral weight 46k, free torque 3,900, Drill torque 4,400, WOB 4-5k, RPM 90, 2 bbl in @ 3,900 psi, 2.5 bbl out @3,150 psi on 17/64" choke. 42 minutes to drill plug. Pumped 83 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep.
01:00	02:00	Tag plug #4 at 16,059' on jt #519, up weight 63k, down weight 35k, neutral weight 46k, free torque 3,900, Drill torque 4,600, WOB 4-5k, RPM 90, 2 bbl in @ 3,900 psi, 2.3 bbl out @3,150 psi on 18.5/64" choke. 45 minutes to drill plug. Pumped 88 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep. Circ bottoms up W270 bbls
02:00	04:00	Ciculate bottoms up W/270 bbls
04:00	05:00	Tag plug #3 at 16,241' on jt #525, up weight 63k, down weight 35k, neutral weight 46k, free torque 3,900, Drill torque 4,300, WOB 4-5k, RPM 90, 2 bbl in @ 3,900 psi, 2.5 bbl out @3,050 psi on 19/64" choke. 37 minutes to drill plug. Pumped 78 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L to 10 bbls & 1 gal FR76 for every 1000 gal H2O.. Pumped 10 bbl gel sweep.
05:00	07:00	Tagged plug #2 at 16,468' on jt #536, up weight 63k, down weight 35k, neutral weight 46k, free torque 4,100, Drill torque 4,700, WOB 4-5k, RPM 90, 2 bbl in @ 4,700 psi, 2.6 bbl out @3,100 psi on 19/64" choke. 47 minutes to drill plug. Pumped 105 bbls water to drill out, Pumped 5 gals of Halliburton / N-VIS-L 10 bbl & 1 gal FR76 to 1,000 gals. Pumped 20 bbl gel sweep. Clean out to 16,565'(RSI),
07:00	12:00	Circulate bottoms up 2.5 casing volume with 700 bbls water
12:00	21:00	POH laying down 254 jts 2 3/8" PH-6 tbg.
21:00	23:00	Circulate 200 bbls & 2 sweeps W/PV of 17
23:00	00:00	Con't TOOH LD 2 3/8" PH-6 tbg

Report Start Date	Report End Date	24hr Activity Summary
10/26/2014	10/27/2014	Drill frac plug #5, 4, 3 &2. Circulate 2.5 bottoms up & TOOH LD tbg.

Start Time	End Time	Comment
00:00	02:00	POOH W/384 jts 2 3/8" PH-6 tbg leaving 186 jts in hole W/EOT @ 4856' & secure well.
02:00	06:00	Wait on daylight to snub out of the hole.
06:00	07:30	Wait on day light to finish snubbing out with 156 jts @4,656' in hole.
07:30	13:30	Finish snubbing out with 156 jts @4,856' from hole. Lay out BHA, Well shut in with 3,450 Psi
13:30	22:00	Change out pipe rams and test same. Could'nt get test mandrel all the waydown so had to hook hot oiler to stack & flush out stack.
22:00	00:00	Snub unit annular blew a seal need to get a new annular or a rebuild kit for this annular. Waiting on parts.

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
10/27/2014	10/28/2014	Finish POOH W/tbg & LD BHA. Change out rams & pressure test new. PUMU production BHA & RIH.

Start Time	End Time	Comment
00:00	06:00	ND annular on snub unit & NU Knight annular on snub unit. Snubbers annular blew an internal seal.
06:00	07:30	Finished testing stack,
07:30	10:30	Picked up BHA and started snubbing tubing in hole, Snubbed in 44 jts when next thing I saw was the tubing blowing out of hole, Snub hand hit rams and got pipe rams closed on pipe and stopped pipe with pipe rams, blow 9 jts out before being caught by rams and shutting down the pipe and closing in well, We closed all pipe rams and locked rams, Checked on all personnel and all are ok, Called in event, Well shut in and secured, Monitor well for more issues.
10:30	00:00	Well shut in with 3,600 Psi, Operations shut down, Wait on precedure for next operation.

Report Start Date	Report End Date	24hr Activity Summary
10/28/2014	10/29/2014	Wait on orders.

Start Time	End Time	Comment
00:00	06:00	Wait on orders.
06:00	13:30	Well shut in with 3,800 Psi on well head. Stand by with rig crew, flowback crew, snubbing crew, safety man, myself. Wait on daylight to have meeting with Wild Well Control personnel and Newfield's officials to determine next operation. Called Denver and had conversation about the plan of operation was, Decided to continue to shear tubing, Flowed well for 1 ½ hours to head and wash and paraffin from around tubing and shear rams, Shut in flowback, Monitored well pressure and closed shear rams and sheared tubing blow shears, tubing was heard falling down casing. Bled of stack per pipe ram, Well shut in and removing tubing hanging in basket and preparing to start ND of drill out stack and Snubbing unit, Operation went off with no issues.
13:30	18:00	Well shut in and removing tubing hanging in and on basket and preparing to start ND of drill out stack and Snubbing unit,
18:00	00:00	Shut well in & pickle flow back iron with 10# brine. Wait on daylights. There is 236 good jts of 2 7/8" 6.5# L-80 tbg. 10 bent up jts of 2 7/8" 6.5# L-80 tbg cut up on ground counted by couplings. That leaves 5.18' of cut off jt cut by shear rams & 34 jts of 2 7/8" 6.5# L-80 tbg & BHA in the well. which is 1,136.69' of tbg & BHA.

Report Start Date	Report End Date	24hr Activity Summary
10/29/2014	10/30/2014	Sheared 2 7/8" Production Tubing, Removed Tbg. out of BOP & Snubbing Unit,

Start Time	End Time	Comment
00:00	06:00	Wait on Daylight
06:00	07:30	Well shut in with HCR valve, shear rams, blind rams. Wait on daylight. 1,136.69' of fish in hole. 35 jts tbg and BHA, Fish in hole as follows: 2-7/8" Mule shoe, 2-7/8" 6.5# EUE L-80 6' Pup Joint, Ceramic burst disc rated for 10K differential facing down, 2-7/8" 6.8# EUE L-80 6' Pup Joint, 2-7/8" XN profile nipple (2.313" ID w/ 2.205" No-go), 1 Joint of 2-7/8" 6.5# EUE L-80, 2-7/8" X Nipple (2.313" ID), 33 jts 2-7/8" 6.5# EUE L-80 tubing,

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
07:30	15:45	Taking Knights bag out of snubbing unit, ND Rogue's snubbing unit, (called to take Knight's bag out of snub unit, had to retighten bolts, remove bag and undo bolts again) ND Knight's BOP stack, Leave FMC's HCR valve and NU Cameron's 10k 7 1/16" tree on top of HCR valve. Test same as to Newfield's test procedure. 250 Psi low, 10,000 Psi high. Rig down Nabor's WOR, load out equipment and move off location and turn well over to production. Release all equipment from location and move equipment to the Ute 1-6-7-3-3WH for drill out.
15:45	15:45	turn well over to production.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5964

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ACCAWINNA 13-22-15-3-2W-MW

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013515010000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0544 FNL 1445 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 27 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 9/21/2014	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: Daily Drilling Reports

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As per our conversation with Dustin Doucet, attached find the Daily Drilling Reports for the above mentioned well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 22, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		1/21/2016

RECEIVED: Jan. 21, 2016

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
7/24/2014	7/25/2014	Set 70' of 20" conductor pipe.

Start Time	End Time	Comment
00:00	00:00	Pete Martin Rig #16 spudded 26" hole on 07/24/2014 and drilled to 70' GL. Hole started falling in with cobble rocks at 9' GL. Filled hole with 12.0 PPG fresh water mud to enable drilling. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 70' GL and cemented to surface with Pro Petro Cementers on 07/24/2014. Cement Job: Pumped 25 bbls fresh water flush ahead of cement. Mixed and pumped 410 sacks (84 bbls) of Premium Class G Cement with 2% CaCl2, and 1/4 lb/sk flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 22 bbls fresh water. Finished pumping @ 22:00 PM on 07/24/2014. 25 bbls cement to surface. Shut in well after pumping stopped. Hole stood full after pumping stopped. Kylan Cook notified UDOGM and BLM by e-mail @ 14:00 PM on 07/23/2014 to spud conductor hole on 07/24/2014.

Report Start Date	Report End Date	24hr Activity Summary
7/26/2014	7/27/2014	MIRU Pro Petro Rig #10. Pick up directional BHA. Trip in hole to 70' GL. Drill 17 1/2" surface hole from 70' GL to 470' GL.

Start Time	End Time	Comment
06:00	12:30	MIRU Pro Petro Rig #10.
12:30	13:30	Start picking up directional BHA. Trip in hole to 70' GL.
13:30	17:30	Spud 17 1/2" hole @ 13:30 PM on 07/26/2014. Drill from 70' GL to 120' GL while picking up directional tools.
17:30	18:30	Install rotating head rubber.
18:30	00:00	Drill from 120' GL to 470' GL while picking up BHA.

Report Start Date	Report End Date	24hr Activity Summary
7/27/2014	7/28/2014	Drill from 470' GL to 1400' GL. Change swab in mud pump. Drill from 1400' GL to 1460' GL. Fix leak in rig manifold. Drill from 1460' GL to 1580' GL.

Start Time	End Time	Comment
00:00	00:30	Drill from 470' GL to 500' GL.
00:30	02:00	Change rubber size in rotating head.
02:00	16:30	Drill from 500' GL to 1400' GL.
16:30	17:00	Change swab in mud pump.
17:00	19:00	Drill from 1400' GL to 1460' GL.
19:00	20:30	Weld leak in air/water manifold on rig.
20:30	00:00	Drill from 1460' GL to 1580' GL.

Report Start Date	Report End Date	24hr Activity Summary
7/28/2014	7/29/2014	Drill from 1580' GL to TD @ 1650' GL. Circulate. Make wiper trip. Circulate. Trip out of hole. Run surface casing.

Start Time	End Time	Comment
00:00	02:00	Drill from 1580' GL to TD @ 1650' GL. TD 17 1/2" hole @ 02:00 AM on 07/28/2014.

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
02:00	03:30	Circulate for wiper trip.
03:30	06:00	Trip out to drill collars. Tight hole from 1400' GL to 1200' GL.
06:00	11:00	Trip back to bottom. Tight hole from 1300' GL back to bottom. Wash and ream.
11:00	13:00	Circulate to trip out of hole and run casing.
13:00	16:30	Trip out of hole to run surface casing. Intermittent tight spots from 1650' GL to 1200' GL.
16:30	17:30	Rig up to run surface casing. No water flow while drilling.
17:30	00:00	Run surface casing to 1380' GL. Casing details will be on next report.

Report Start Date	Report End Date	24hr Activity Summary
7/29/2014	7/30/2014	Finish running casing. Circulate. Weld top cap. Cement surface casing. Wait on cement, clean pits, and rig down. Release rig @ 16:00 PM on 07/29/2014.

Start Time	End Time	Comment
00:00	02:00	Run 38 joints (1640.75') of 13 3/8", 54.5#, J-55, BT&C casing with Top-Co guide shoe and float collar. 14 centralizers spaced 10' from the shoe, on top of joints #2 & #3 then every 3rd collar to surface. Landed @ 1640.75' GL, Float Collar @ 1594.42' GL. Had to wash through intermittent tight spots from 1170' GL.
02:00	03:30	Circulate with casing on bottom.
03:30	05:30	Weld top cap from casing to conductor pipe.
05:30	06:00	Circulate casing with rig pump. Rig up Pro Petro Cementers.
06:00	08:00	Cement Job: Pumped 40 bbls fresh water & 40 bbls gelled water flush ahead of cement. Lead: Mixed and pumped 500 sacks (254 bbls) of Type V Cement with 16% Gel, 10 #/sk Gilsonite, 2#/sk Gr3, 3% Salt, and 1/4 #/sk Flocele. Mixed cement @ 12.0 ppg with yield of 2.86 cf/sk. Tail: Mixed and pumped 675 sacks (138 bbls) of Premium Class G Cement with 2% CaCl2, and 1/4 #/sk Flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 247 bbls fresh water. Bumped plug with 685# @ 08:00 AM on 07/29/2014. Floats held. 75 bbls cement to surface. Shut in well after pumping stopped. Kylan Cook notified UDOGM and BLM of the surface casing & cement job via e-mail on 07/27/2014 @ 12:30 PM.
08:00	16:00	Wait on cement, clean pits, and rig down. Release rig @ 16:00 PM on 07/29/2014.

Report Start Date	Report End Date	24hr Activity Summary
8/5/2014	8/6/2014	Finish preparation of location for drilling rig.

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
00:00	00:00	07/31/2014 - Drill Mouse Hole. 08/02/2014 - Final blade location. 08/04/2014 - Weld on Wellhead. 08/05/2014 - Cement cellar floor up to the top of base plate on wellhead. SURFACE HOLE DIRECTIONAL SURVEY DEPTHS ARE GROUND LEVEL. Location is ready for drilling rig.

Report Start Date	Report End Date	24hr Activity Summary
8/10/2014	8/11/2014	Rig Down & Prepare to Move Rig to next well

Start Time	End Time	Comment
06:00	17:30	(Start) Rig down ST 80, Rig floor, Flow line, Gas buster, Flare Lines, Pipe wrangler,choke house, trip tank, load out all mud sack material
17:30	18:00	Rig service
18:00	00:00	Rig down accumulator lines, TD service loop, mud lines, kelly hose, prepare to rig down top drive

Report Start Date	Report End Date	24hr Activity Summary
8/11/2014	8/12/2014	Rig Down & Prepare to Move Rig to next well

Start Time	End Time	Comment
00:00	18:00	Rig down Top Drive , service loop, ST 80, Rig floor, Top drive off rig floor @ 10:30 am, TDS track, Bridle up, Gas buster, V-door, Pipe wrangler, choke house, trip tank , HPU, top drive gen, conex, peak equipment, Uprights, Mud Tanks, Derrick laid over at 15:00 hrs. Un string Blocks. Crane 2 riggers, 1 safety hand, 2 fork lifts, 5 haul trucks, 2 Swamper, 1 truck pushers, 1 Bed truck, 1 Pole trucks, 3 Pilot Traffic control, 22 Loads Moved (WE HAVE MULTAPAL POWER LINES CROSSINGS LOWEST ONE IS @ 20' 3" GOAL POSTS ARE SET AT 17' 5" FEET)
18:00	00:00	Wait on Day lights

Report Start Date	Report End Date	24hr Activity Summary
8/12/2014	8/13/2014	Rig Down & Prepare to Move Rig & Start Rigging Up

Start Time	End Time	Comment
00:00	06:00	Wait On Day Lights
06:00	18:00	HPJSM @ 06:30 & Newfield Safety Orientation: and move rig as follows; set top dog hose down, remove draw works, floor motors,spreaders,un stack subs and loaded out , Set in Pits, Pumps,Light Plant, Top Drive Gen, change house, hooked up mud lines, pulled cords and plugged in, stood up lights on mud tanks, set trip tank,set gas buster, Set Sub Mats & Bottom Subs. Crane 4 riggers, 1 safety hand, 2 fork lifts, 6 haul trucks, 4 Swapper, 2 truck pushers, 2 Bed truck, 2 Pole trucks, 3 Pilot Traffic control.(Install Tubing & Test Tubing Head to10K for 10 mins)
18:00	00:00	Wait On Day Lights

Report Start Date	Report End Date	24hr Activity Summary
8/13/2014	8/14/2014	Rig Down & Prepare to Move Rig & Rigging Up

Start Time	End Time	Comment
00:00	06:00	Wait On Day Lights

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
06:00	18:00	HPJSM @ 06:30, stacked bop on stand and loaded out , Load Crown Section Of derrick, clean up old location, set middle subs, Stack Up Bop, and put in landings and stairs, set top subs and put frogs in place, Set Draworks, Set rotary table, Move And Set Living Quarters, Install Board on derrick, Set Derrick on Floor, 2 Crane, 3 riggers, 1 safety hand, 2 fork lifts, 9 haul trucks, 4 Swampers, 2 truck pushers, 3 Bed truck,(Released Crane 20:00 Hrs) 32 Loads
18:00	00:00	Wait On Day Lights

Report Start Date	Report End Date	24hr Activity Summary
8/14/2014	8/15/2014	Move Rig & Rig Up

Start Time	End Time	Comment
00:00	06:00	Wait On Day Lights
06:00	00:00	HPJSM and rig up as follows; Set water tank,Top Drive VFD House, 400 bbl uprights, Set Top Dog House, Bridle Up, String Up Derrick & Blocks, Dress Derrick, Conduct drops Insp, Put drill line on drum & Wraps on dead man, Raised derrick @ 15:45, Hand rails on floor, Set ST 80, Set Bar hoppers, Set flow line, Set catwalk, Beaver slide,Stairs,Un Bridle, Move Drill Pipe In, Install Top Drive Track & Top Drive, service loop, 1 Crane, 2 riggers, 1 safety hand, 2 fork lifts, 1 Swampers, 2 truck pushers, 2 Bed truck, 2 Haul Truck, Released trucks at 14:30 hrs Crane Released @ 20:00 Hrs

Report Start Date	Report End Date	24hr Activity Summary
8/15/2014	8/16/2014	Cont Rigging up, Conduct Pre Spud Insp, Nipple Up Bop's, Pressure Test Bop's

Start Time	End Time	Comment
00:00	06:00	Cont to Rig up As Follows: Un Bridle, choke lines, Service Loop,Kelly Hose,& Stand Pipe, Finish Rigging Up Floor, Conduct a Pre Spud Inspection and Fix Deficiencies
06:00	08:00	Conduct a Pre Spud Inspection and Fix Deficiencies
08:00	13:30	(Start) HPJSM & Nipple Up Bop and prepare to test Bop's, Hook Up Koomey Lines and Function Test Bop's (Accept rig on day work @ 08:00 on 8/15/2014)
13:30	16:00	(Start) Test BOPE/Csg... Rig Up testers & Test BOP's , test annular 250 psi low (good) 3500 psi high, test upper and lower pipe rams, HCR , kill line, TIW, dart valve, Lower Kelly cock valve, and IBOP to 250 psi low 5000 psi high. Attempt to test upper pipe rams, rams would not test
16:00	19:00	Pull pipe rams and change out VBR rubbers
19:00	22:00	Held PJSM w/new tour crew and Eager Beaver, cont to test BOP. Tested upper pipe rams, man IBOP, outside kill, HCR check valve, inside manifold valve, riser, dart, outside manifold vales blind rams, downstream manifold valves to 250 psi 5 min low - 5000 psi 10 min high, mudline - 250 psi 5 min low 4000 psi 10 min high
22:00	23:30	(Stop) Unplanned - Rubber from upper pipe rams fell in during change out of VBR rubbers causing plug to get stuck - retrieve all rubber pieces and pulled plug
23:30	00:00	(Start) Test BOPE/Csg... Fill csg and test 1500 psi for 30 mins

Report Start Date	Report End Date	24hr Activity Summary
8/16/2014	8/17/2014	Con't to test BOP and csg, rig up tons and flowline, install wear bushing, pick up BHA, Drill Cement,Conduct a FIT Test, Drill 12.25" hole f/ 1667' to 2019' Rig Service, Drill 12.25" hole f/ 2019' to 2774', repair drawworks

Start Time	End Time	Comment
00:00	01:30	Con't testing csg @ 1500 psi for 30 mins and rig down Eager Beaver. Rig up tongs and flow line
01:30	03:00	(Start Handle BHA/ P/U DP)... Install Wear Bushing & Load & Strap BHA On Pipe racks

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
03:00	09:00	P/U BHA directional tools, Bit, Mud Motor,Double Pin, MWD Tool carrier,MWD Emitter Sub, Scribe Dir Tools, NMDC, X/O, HWDP & Jars, HWDP & P/U DP, Tag cement @ 1604'
09:00	10:00	(Start) Drill shoe track/FIT... Drill cement f/ 1604' to 1676' (Float Collar @ 1622' Float Shoe @ 1667')
10:00	10:30	Drill 10' of new formation for FIT. Drill 12.25'' Vertical Hole Section F/ 1676' To 1687' (2 Pumps on the hole at 90 a piece, 430 GPM) Present Mwt 9.1 ppg
10:30	11:00	Circulate Bottoms up and for mud wt checks. Spot Hi Vis Pill
11:00	12:00	HPJSM & Rig up Eager Beaver testers and conduct a, FIT to 13 ppg EMW, 13 ppg-9.1 ppg=3.9 x .052 x 1687' = 342 psi
12:00	15:00	(Start) Drill 12.25'' Vertical Hole Section F/ 1687' To 2019' (3 Pumps on the hole at 95 a piece, 647 GPM) Present Mwt 9.1 ppg Pump Hi Vis Sweep Every 200'
15:00	15:30	Routine Rig Service
15:30	22:00	Drill 12.25'' Vertical Hole Section F/ 2019' To 2774' (3 Pumps on the hole at 95 a piece, 647 GPM) Present Mwt 9.1 ppg Pump Hi Vis Sweep Every 200'
22:00	22:30	Rig Service
22:30	00:00	(Stop) Unplanned - repair breaks on the drawworks

Report Start Date	Report End Date	24hr Activity Summary
8/17/2014	8/18/2014	Drill 12.25'' hole f/ 2774' to 4095',Rig Service,Drill 12.25'' hole f/ 4095' to 4413'

Start Time	End Time	Comment
00:00	15:30	(Start) Drilling... Drill 12.25'' Vertical Hole Section F/ 2774' To 4095' (3 Pumps on the hole at 100 a piece, 700 GPM) Present Mwt 9.1 ppg Pump Hi Vis Sweep Every 200' - Slide as needed
15:30	16:00	Routine Rig Service
16:00	17:00	Drill 12.25'' Vertical Hole Section F/ 4095' To 4108' (3 Pumps on the hole at 100 a piece, 700 GPM) Present Mwt 9.1 ppg Pump Hi Vis Sweep Every 200' - Slide as needed
17:00	00:00	Drill 12.25'' Vertical Hole Section F/ 4108' To 4413' (2 Pumps on the hole at 120 a piece, 550 GPM) Present Mwt 9.1 ppg Pump Hi Vis Sweep Every 200' - Slide as needed - #1 pump down

Report Start Date	Report End Date	24hr Activity Summary
8/18/2014	8/19/2014	Drill 12.25'' hole f/ 4413' to 4661', Rig Service, Drill f/ 4661' to 5414', Rig Service, Drill f/ 5414' to 5704'

Start Time	End Time	Comment
00:00	03:30	Drill 12.25'' Vertical Hole Section F/ 4413' To 4661' (3 Pumps on the hole at 105 a piece, 710 GPM) Present Mwt 9.2 ppg Pump Hi Vis Sweep Every 200' - Slide as needed - #1 pump back up @ 1:00
03:30	04:00	Rig Service
04:00	17:30	Drill 12.25'' Vertical Hole Section F/ 4661' To 5414' (3 Pumps on the hole at 105 a piece, 710 GPM) Present Mwt 9.2 ppg Pump Hi Vis Sweep Every 200' - Slide as needed (Work Tight Spot @ 5390')
17:30	18:00	Rig Service

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Summary Rig Activity

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Start Time	End Time	Comment
18:00	21:30	Drill 12.25" Vertical Hole Section F/ 5414' To 5608' (3 Pumps on the hole at 105 a piece, 710 GPM) Present Mwt 9.2 ppg Pump Hi Vis Sweep Every 200' - Slide as needed
21:30	00:00	Drill 12.25" Vertical Hole Section F/ 5608' To 5704' (2 Pumps on the hole at 120 a piece, 550 GPM) Present Mwt 9.3 ppg Pump Hi Vis Sweep Every 200' - Slide as needed - #2 pump down - blown liner gasket & wash plate

Report Start Date	Report End Date	24hr Activity Summary
8/19/2014	8/20/2014	Drill f/ 5704' to 5835' Rig Service, Drill f/ 5835' to 6076', Rig Service, Drill f/6076' to 6359', Rig Repair, Drill f/6359' to 6460'

Start Time	End Time	Comment
00:00	05:00	Drill 12.25" Vertical Hole Section F/ 5704' To 5835' (2 Pumps on the hole at 120 a piece, 540 GPM) Present Mwt 9.3 ppg Pump Hi Vis Sweep Every 200' - Slide as needed - #2 pump down - blown liner gasket & wash plate
05:00	05:30	Rig Service
05:30	11:30	Drill 12.25" Vertical Hole Section F/ 5835' To 6076' Present Mwt 9.3 ppg Pump Hi Vis Sweep Every 200' - Slide as needed - # 2 Pump Back On line @ 06:00 (3 Pumps on the hole at 105 a piece, 716 GPM)
11:30	12:00	Rig Service
12:00	20:00	Drill 12.25" Vertical Hole Section F/ 6068' To 6359' (3 Pumps on the hole at 105 a piece, 716 GPM) Present Mwt 9.3 ppg Pump Hi Vis Sweep Every 200' - Slide as needed
20:00	20:30	(Stop) Unplanned - Repair Top Drive Hydraulics - Remove Hyd Ram F/Tilt Plate
20:30	00:00	(Start) Drilling... Drill 12.25" Vertical Hole Section F/ 6359' To 6460' (3 Pumps on the hole at 105 a piece, 716 GPM) Present Mwt 9.3 ppg Pump Hi Vis Sweep Every 200' - Slide as needed

Report Start Date	Report End Date	24hr Activity Summary
8/20/2014	8/21/2014	Drill f/6460' to 6547', Rig Service, Drill f/6547' to 6647', Circ and Repair Mud Pump, Drill f/6647' to 6705'

Start Time	End Time	Comment
00:00	02:00	Drill 12.25" Vertical Hole Section F/ 6460' To 6492' (3 Pumps on the hole at 105 a piece, 716 GPM) Present Mwt 9.3 ppg Pump Hi Vis Sweep Every 200' - Slide as needed
02:00	03:30	Drill 12.25" Vertical Hole Section F/ 6492' To 6547' (2 Pumps on the hole at 120 a piece, 540 GPM) Present Mwt 9.4 ppg Pump Hi Vis Sweep Every 200' - Slide as needed - Pump #1 down for cracked module
03:30	04:00	Rig Service
04:00	13:30	Drill 12.25" Vertical Hole Section F/ 6547' To 6647' (2 Pumps on the hole at 120 a piece, 540 GPM) Present Mwt 9.4 ppg Pump Hi Vis Sweep Every 200' - Slide as needed - Pump #1 down for cracked module
13:30	19:30	(Stop) Unplanned - Rig Repair - Attempted to cont to drill & could not get enough pump rate from 2 pumps to keep the dir tools in the optimum working range. Circulate hole with 2 pumps while replacing module on # 1 mud pump,
19:30	21:00	(Start) Drilling ... #1 pump back online, Drill f/6647' to 6659' (2 pumps on hole at120 a piece, 550 GPM) - Pump #3 blew swab as soon as sliding started. Attempt to continue to slide w/2 pumps on hole.
21:00	21:30	(Stop) Unplanned - Tighten module on #1 pump

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Summary Rig Activity

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Start Time	End Time	Comment
21:30	00:00	(Start) Drilling... Drill 12.25" Vertical Hole Section F/ 6659' To 6705' (3 Pumps on the hole at 108 a piece, 733 GPM) Present Mwt 9.4 ppg Pump Hi Vis Sweep Every 200' - Slide as needed Blew swab on #3 pump @ 23:00 - 2 pumps on the hole at 120 a piece, 550 GMP

Report Start Date	Report End Date	24hr Activity Summary
8/21/2014	8/22/2014	Drill f/6705' to 6726', Rig Service, drill f/6726' to 6755', Rig Repair, drill f/ 6755' to 6785' Circ Btms up & Build trip slug, TOOH, Lay down Dir tools, pick up new BHA and RSS, Program dir tools, TIH to 764'

Start Time	End Time	Comment
00:00	01:00	Drill 12.25" Vertical Hole Section F/ 6705' To 6726' (3 Pumps on the hole at 102 a piece, 696 GPM) Present Mwt 9.4 ppg Pump Hi Vis Sweep Every 200' - Slide as needed
01:00	01:30	Rig Service
01:30	04:00	Drill 12.25" Vertical Hole Section F/ 6726' To 6755' (3 Pumps on the hole at 102 a piece, 696 GPM) Present Mwt 9.4 ppg Pump Hi Vis Sweep Every 200' - Slide as needed
04:00	04:30	(Stop) Unplanned... Repair drive chain oil line on #1 pump
04:30	06:30	(Start) Drilling... Drill 12.25" Vertical Hole Section F/ 6755' To 6785' (3 Pumps on the hole at 102 a piece, 696 GPM) Present Mwt 9.4 ppg Pump Hi Vis Sweep Every 200' - Slide as needed
06:30	07:30	(Start) Clean Up Cycle - Circ btms up & Build trip slug. Mud motor not obtaining needed build rates. Trip to pick up RSS assembly
07:30	17:00	(Start) Trip...(Conduct Flow Check Well Is Static) Pump Trip Slug & TOOH to change out Dir assembly and P/U RSS POOH F/ 6785' to Surface' Back ream F/ 5238' to 5000', SLM out.
17:00	19:00	(Start) Handle BHA... Held safety meeting & Break & lay down dirc tools. Bit graded 1-2-CT-S-X-1-WT-BHA
19:00	21:00	Rack & pick up new BHA - RSS
21:00	22:00	Download Directional Tools
22:00	23:30	P/U NMMDC, install rotating rubber, surface test directional tools - test good.
23:30	00:00	(Start) Tripping... TIH to 764'. Fill pipe every 3000'

Report Start Date	Report End Date	24hr Activity Summary
8/22/2014	8/23/2014	Cont TIH to bottom, W/R, Rig serv, W/R, Down link, Drill F/ 6785' to 6812', TOOH for new BHA

Start Time	End Time	Comment
00:00	01:30	Con't TIH on elevators f/ 764' to 3158'
01:30	02:00	Downlink and test directional tools - good
02:00	05:30	TIH from 3158' to bottom. Start to wash and ream pipe from 3250' to 4950'
05:30	06:00	Rig service.

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
06:00	12:00	Wash & Ream F/ 4950' to 6785'
12:00	13:30	Down link.
13:30	19:00	(Start) Drilling... Drill 12.25" Vertical Hole Section F/ 6785' To 6812' (3 Pumps on the hole at 102 a piece, 696 GPM) Present Mwt 9.8 ppg Pump Hi Vis Sweep Every 200'.
19:00	19:30	(Stop) Unplanned - Flow check and prep to trip due to low ROP
19:30	00:00	(Start) Trip... POOH w/elevators to 4856', pump slug, POOH w/ elevators to HWDP, pull rotating rubber POOH to 786'

Report Start Date	Report End Date	24hr Activity Summary
8/23/2014	8/24/2014	Break bit and lay down RSS assembly, pick up steerable motor assembly, adj and scribe motor, Rig Service, TIH, Drill F/ 6012' to 7195', Rig serv, Drill F/ 7195' to 7672'

Start Time	End Time	Comment
00:00	00:30	Con't to POOH w/elevators to BHA
00:30	02:00	(Start) Handle BHA... Brake bit, lay down directional tools Bit Graded - 2-8-RO-T-X-2-BT-PR
02:00	03:30	Lay out and pick up conventional motor assembly, adjust motor f/1.5 to 1.83, make up Ulterra bit, scribe mortor
03:30	04:00	Rig Service
04:00	08:00	(Start) Trip... TIH to btm, fill pipe every 3000' Fill pipe break circ.
08:00	14:30	(Start) Drilling... Drill 12.25" Vertical Hole Section F/ 6812' To 7195' (3 Pumps on the hole at 102 a piece, 696 GPM) Present Mwt 9.8 ppg Pump Hi Vis Sweep Every 200'.
14:30	15:00	Rig service.
15:00	23:00	Drill 12.25" Vertical Hole Section F/ 7195' To 7640' (3 Pumps on the hole at 102 a piece, 696 GPM) Present Mwt 9.9 ppg Pump Hi Vis Sweep Every 200'. - Dusting mud weight up to a 10.2 ppg due to high bg/conn gas
23:00	00:00	Drill 12.25" Vertical Hole Section F/ 7640' To 7672' (2 Pumps on the hole at 110 a piece, 500 GPM) Present MW 10.2 ppg Pump Hi Vis Sweep Every 200'. - #3 pump down - blown liner gasket

Report Start Date	Report End Date	24hr Activity Summary
8/24/2014	8/25/2014	Drill f/7672' to 7808', Rig serv, Drill F/ 7808' to 7905', Survey, Circ & Cond mud, Repair Drawworks, Fill Trip tank, flow check, POOH

Start Time	End Time	Comment
00:00	04:30	Drill 12.25" Vertical Hole Section F/ 7672' To 7770 ' (2 Pumps on the hole at 105 a piece, 450 GPM) Present MW 10.2 ppg Pump Hi Vis Sweep Every 200'. - #3 pump down - wash plate, swab, and liner
04:30	05:30	Drill 12.25" Vertical Hole Section F/ 7770' To 7808' (3 Pumps on the hole at 105 a piece, 610 GPM) Present MW 10.2 ppg Pump Hi Vis Sweep Every 200'.
05:30	06:00	Rig service.
06:00	09:30	Drill 12.25" Vertical Hole Section F/ 7808' To 7905' TD (3 Pumps on the hole at 105 a piece, 610 GPM) Present MW 10.2 ppg Pump Hi Vis Sweep Every 200'.

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
09:30	10:00	Survey.
10:00	15:30	(Start) Circulate... Pump sweep Circ & Cond mud Bring mud wt up from 10.2 ppg to 10.4 ppg & Bring yeild point down to12 or 15.
15:30	16:00	Rig Service
16:00	18:00	Con't to Circ & Cond mud Bring mud wt up from 10.2 ppg to 10.4 ppg & Bring yeild point down to12 or 15.
18:00	23:00	(Stop) unplanned Replace brake bands on draw works.
23:00	00:00	(Start) Trip... Fill Trip tank, Check flow - No Flow, POOH to 7160' - monitoring trip tank for fill

Report Start Date	Report End Date	24hr Activity Summary
8/25/2014	8/26/2014	POOH f/7160' to 4960', pump slug, cont to TOOH, Pull wear bushing, R/U casers & Run 9-5/8" csg, R/D casers, R/U Halliburton and start cmnt job

Start Time	End Time	Comment
00:00	04:00	TOOH f/7160' to 4930', Pump slug, cont to TOOH to HWDP - monitoring trip tank for fill
04:00	04:30	Rig Service
04:30	07:00	Flow check - no flow, Pull rotating head, Lay down HWDP, drilling jars & dir tools. break bit. bit graded: 0-1-WT-G-X-0-CT-TD
07:00	08:00	Pull wear bushing
08:00	08:30	Clean rig floor.
08:30	10:30	(Start) Casing Operations... Held safety meeting with casing crew & Rig crew & Rig up casers.
10:30	18:00	Pick up 2 jt shoe track and Run 9 5/8" 40 # BTC connection, F/ surface t/ 7895' Ran a total of 171 full jts of casing, Centrlizers 1 on the first 3 jts and 1 on every third jt for a total of 8
18:00	18:30	Rig down casing crew.
18:30	22:00	(Start cementing oper) HJSM w/ cement and rig crew, R/U cement head & R/U Halliburton equipment, break circulation and circ b/u to remove gas from wellbore (max 2350 units of gas). Verify loading of plug Started losing mud during circulation - lost total of 425 bbls WBM before cement job
22:00	00:00	PJSM w/ Halliburton, test lines w/H2O to 5000 psi, pump tuned spacer 40 bbl/11.5 ppg, 1st lead cement 35 bbl/12.5 ppg, 2nd lead cement 347 bbl/12.5 ppg

Report Start Date	Report End Date	24hr Activity Summary
8/26/2014	8/27/2014	Finish cement job, bump plug, flush lines, R/D cementers, backout & L/D landing jnt, install and test packoff, clean pits, Install wear bushing, Handling BHA. Prog dirc tools, Continue P/U dirc tools, surface test dir tools - good, rig service, rig repair - drawworks floor motor

Start Time	End Time	Comment
00:00	04:30	Con't cement ops...pump tail cement 136 bbl/14ppg, drop plug, displacemnt 592 bbl/12.5 ppg OBM, plug down @ 3:30, 28 bbl cemnt back to surface, 3 bbls back and float held. Flush BOP, choke and gas buster, R/D Halliburton
04:30	05:00	Rig Service

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
05:00	08:00	(Start) NU Well Head/Clean Pits... PJSM w/Cameron, back out landing jt, P/U joint of 5" DP, install pack-off, presure test to 2400 psi 15 min (verified by NFX company rep). PJSM w/Red Mesa - clean pits
08:00	10:30	Clean mud tanks & Change out skaker screens, R/U Transfer hoses, Fill mud taks with OBM. Clean mud pits F/ 04:00 to 11:00 total 7 hrs.
10:30	11:30	(Start Handling BHA) Install wear bushing.
11:30	13:00	Prep, dirc, tools set on pipe racks & P/U tools.
13:00	15:00	Program dirc tools.
15:00	16:30	Continue Picking up dirc tools & Install rotating head, Test dirc tools test okay,
16:30	17:00	Rig service.
17:00	00:00	(Stop) Unplanned.. Floor motor - Work on clutch, replace quick releases and airlines

Report Start Date	Report End Date	24hr Activity Summary
8/27/2014	8/28/2014	Con't to repair floor motor, Rig service, TIH to 7237', cut and slip 86' drill line, Test csg, Set depth tracker, Drill shoe track, Circ & Fit test, Down link, Drill F/ 7915' to 7964', Trouble shoot RSS, Circ & Build trip slug, Rig serv. Check flow, POOH F/ Dirc tools, Handle BHA

Start Time	End Time	Comment
00:00	01:00	Con't repairing floor motor - replaced quick releases and air lines
01:00	01:30	Rig Service
01:30	04:30	(Start) Handle BHA... TIH to 7237' - fill every 3000'.
04:30	05:30	(Start) Cut and slip 85' drill line
05:30	07:30	(Start) Test casing to 2200 psi test okay.
07:30	08:30	Directional work set depth tracker.
08:30	10:00	(Start) Tag cement @ 7807' Drill shoe track & 10' of new formation,
10:00	12:30	(Start) Circulate for fit test, Down link tool to get static mud wt 13.43PPG, Perform FIT to 1057 PSI EMW 16 PPG-13.43 PPG= 2.57 PPG x 7915' x .052= 1057 PSI Held for 4 min dropped down to 1020 PSI.
12:30	13:30	(Start down) link to Drill curve.
13:30	14:00	(Start) Drill 8.75"curve with RSS f/ 7915' to 7964', (2 Pumps on the hole at 110 a piece, 460 GPM) Present Mwt 13.3 ppg.
14:00	15:00	(Stop) Trouble shoot RSS
15:00	16:00	(Stop) Circ and build trip slug F/ TOOH for RPM senser on dirc tools.
16:00	16:30	(Start) Rig service.
16:30	17:00	(Stop) Check Flow & Pump pill

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
17:00	18:30	(Start) Trip out of hole for MWD/LWD tools from 7,964' to 4,964', Monitor well on trip tank
18:30	19:00	While breaking out of a connection with the ST-80, the pin that hangs the ST-80 from the arm started to back out due to possible worn dies on the backups, Replaced dies on backups and attempt to use ST-80 again with same result, Take ST-80 out of service, Rig up tongs to use for remainder of trip out of hole
19:00	23:30	Continue trip out of hole from 4,964' to BHA, Monitor well on trip tank
23:30	00:00	(Start) Handle BHA, Change out directional tools, Re-run bit

Report Start Date	Report End Date	24hr Activity Summary
8/28/2014	8/29/2014	Change out directional tools, Trip in hole to 7,964', Down link, Drill F/ 7964' to 8125', Down link, Drill F/ 8125' to 8212', Down link, Drill F/8212' to 8,737'

Start Time	End Time	Comment
00:00	01:00	Continue handle BHA, Change out directional tools, Re-run bit
01:00	03:00	Program directional tools
03:00	06:30	Trip in hole to 7,964', Shallow tested directional tools at 830', 380 gpm, 840 spp, Tested good, Fill pipe every 3,000'
06:30	07:00	Down link.
07:00	11:00	(Start) Drill 8.75"curve with RSS f/ 7964' to 8125', (2 Pumps on the hole at 110 a piece, 460 GPM) Present Mwt 13.2+ ppg.
11:00	11:30	Down link.
11:30	13:00	Drill 8.75"curve with RSS f/ 8125' to 8212', (2 Pumps on the hole at 120 a piece, 550 GPM) Present Mwt 13.3+ ppg.
13:00	13:30	Down link,
13:30	16:00	Drill 8.75"curve with RSS f/ 8212' to 8370', (2 Pumps on the hole at 120 a piece, 550 GPM) Present Mwt 13.6+ ppg.
16:00	16:30	Rig service.
16:30	00:00	Drill 8.75"curve with RSS f/ 8370' to 8,737' (2 Pumps on the hole at 120 a piece, 550 GPM) Present Mwt 14.0 ppg.

Report Start Date	Report End Date	24hr Activity Summary
8/29/2014	8/30/2014	Drill 8 3/4" lateral from 8,737' to 8936, Survey, Rig serv, Drill F/ 8936' to 9096', Survey, Drill F/ 9096' to 9282', Survey, Drill F/ 9282' to 9408', Rig serv, Drill F/ 9408' to 10,070'

Start Time	End Time	Comment
00:00	00:30	Survey.
00:30	04:00	Drill 8.75"curve with RSS from 8,737' to 8,936' (2 Pumps on the hole at 120 a piece, 550 GPM) Present MW 14.0 ppg.
04:00	04:30	Survey.
04:30	05:00	Service rig

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
05:00	08:00	Drill 8.75"curve with RSS from 8,936' to 9096 (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.0 ppg.
08:00	08:30	Survey
08:30	11:00	Drill 8.75"curve with RSS from 9096' to 9282' (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.4 ppg.
11:00	11:30	Survey.
11:30	13:30	Drill 8.75"curve with RSS from 9282' to 9408' (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.4 ppg. Landed Curve @ 9296' Inc 87.7 Az 358 @ 12:00 8/28/14, EOB = 9376', VS 1258'.
13:30	14:00	Rig service.
14:00	14:30	Down link.
14:30	00:00	(Start) Drill 8.75" Lateral with RSS from 9408' to 10,070' (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.5 ppg Control drilled at 60 fph from 9,667' to 9,769' due to reduced pump rate of 410 gpm while making repairs to #1 shaker

Report Start Date	Report End Date	24hr Activity Summary
8/30/2014	8/31/2014	Drill F/ 10070' to 10259', Rig service, Drill F/ 10259' to 10542', C/O rotating head, Drill F/ 10542' to 11038',Down link, Drill F/ 11038' to 11,549'

Start Time	End Time	Comment
00:00	02:00	Drill 8.75" Lateral with RSS from 10,070' to 10,259', (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.5 ppg
02:00	02:30	Service rig
02:30	06:30	Drill 8.75" Lateral with RSS from 10,259' to 10,542' (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.5 ppg
06:30	07:00	Change out rotating head rubber.
07:00	15:00	Drill 8.75" Lateral with RSS from 10,542' to 11,038' (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.6 ppg
15:00	15:30	Down link.
15:30	17:30	Drill 8.75" Lateral with RSS from 11,038' to 11,203' (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.6 ppg
17:30	18:00	Service rig

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
18:00	00:00	Drill 8.75" Lateral with RSS from 11,203' to 11,549' (2 Pumps on the hole at 105 a piece, 475 GPM) Present MW 14.8 ppg Observed 3,200 units gas from connection at 11,108', began increasing MW from 14.6 to 14.7, Observed 3,800 units gas from connection at 11,298', began increasing MW from 14.7 to 14.8 and circulating through the gas buster while drilling ahead at 11,385', Adjusted pump rate from 475 to 495 gpm to maintain constant ECD's as measured by downhole BAP sub, Continuous 2,200 units background gas and 5-10' flare, 3,000 units connection gas and 30-40' flare while drilling on the gas buster with a 14.8 MW, Increasing MW to 14.9 at report time

Report Start Date	Report End Date	24hr Activity Summary
8/31/2014	9/1/2014	Drill 8 3/4" lateral from 11,549' to 11,832', Rig service, Drill F/ 11832' to 12188', Repair flowline, Drill F/ 12,188' to 12,556'

Start Time	End Time	Comment
00:00	05:30	Drill 8.75" Lateral with RSS from 11,549' to 11,832' (2 Pumps on the hole at 105 a piece, 475 GPM) Circulating through gas buster with continuous 1,400 units background gas and no flare, 2,800 units connection gas and 20' flare, Present MW 15.0 ppg. (Mixing 2sx Vanguard 3 sx Nut plug 3 sx Bara Carb for seepage hole between 4 to 5 bbls pr hr)
05:30	06:00	Service rig
06:00	14:00	Drill 8.75" Lateral with RSS from 11,832' to 12,188' (2 Pumps on the hole at 95 a piece, 430 GPM) Circulating through gas buster with continuous 1,400 units background gas and no flare, 2,400 units connection gas and 20' flare, Present MW 15.2 ppg. (Mixing 2sx Vanguard 3 sx Nut plug 3 sx Bara Carb for seepage hole between 4 to 5 bbls pr hr)
14:00	16:30	(Stop unplanned) Repairing gasket on flowline,When down linking Flow sensor was going up and down erratically causing valve on gas buster to partially close and pressure up flowline causing flowline senser gaskets to blow out and spill 5 bbls of OBM on the ground
16:30	17:30	(Start) Drill 8.75" Lateral with RSS from 12,188' to 12,241' (2 Pumps on the hole at 90 a piece, 410 GPM) Circulating through gas buster with continuous 1,400 units background gas and no flare, 2,400 units connection gas and 20' flare, Present MW 15.2 ppg. (Mixing 2sx Vanguard 3 sx Nut plug 3 sx Bara Carb for seepage hole between 4 to 5 bbls pr hr)
17:30	18:00	Service rig
18:00	00:00	Drill 8.75" Lateral with RSS from 12,241' to 12,556' (2 Pumps on the hole at 90 a piece, 410 GPM) Circulating through gas buster with continuous 1,000 units background gas and no flare, 2,300 units connection gas and 20' flare, Present MW 15.4 ppg. (Mixing 2sx Vanguard 3 sx Nut plug 3 sx Bara Carb for seepage hole between 4 to 5 bbls pr hr)

Report Start Date	Report End Date	24hr Activity Summary
9/1/2014	9/2/2014	Drill 8 3/4" lateral from 12,556' to 13091', Circ bring mud wt up & Pump LCM sweeps, Rig serv, Drill F/ 13091' to 13154', Circ & pump sweep, Drill F/ 13154' to 13198', Relog F/ 13186' to 13198',Drill F/ 13,198' to 13,312'

Start Time	End Time	Comment
00:00	00:30	Service rig, Replaced Totco flow sensor and gaskets
00:30	09:00	(Start) Drill 8.75" Lateral with RSS from 12,556' to 13,091 (2 Pumps on the hole at 90 a piece, 410 GPM) Circulating through gas buster with continuous 1,000 units background gas and no flare, 2,500 units connection gas and 15' flare, Present MW 15.4 ppg. (Mixing 2sx Vanguard 3 sx Nut plug 3 sx Bara Carb for seepage hole between 4 to 5 bbls pr hr)

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
09:00	16:00	(Stop unplanned) Circ Btms up then bring mud wt up F/ 15.4 to 15.6 ppg, Pump 400 bbls 15.6 ppg mud then pump 20 bbl 15# per bbl LCM sweep then another 250 bbls of 15.6 ppg mud and then 20 bbl 15# per bbls LCM sweep. Bottoms up gas 2777 units 20 to 30' flair, Back ground gas 1871 units 5 to 10' flair. Mud wt in & out 15.6 ppg Back ground gas 1200 units with no flair. Staged pumps up to 82 stks a piece.
16:00	16:30	Rig service.
16:30	17:30	(Start) Drill 8.75" Lateral with RSS from 13,091' to 13,154 (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 1,333 units background gas and no flare, 2,488 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 4 to 5 bbls pr hr)
17:30	19:00	(Stop unplanned) Lost all returns pick up off btm, Go to 1 pump 120 stk got returns back pump 20 bbl 15# per bbls LCM sweep chased with 226 bbls then pumped 20 bbl 25# per bbl sweep. .
19:00	20:00	(Start) Drill 8.75" Lateral with RSS from 13,154' to 13,198' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 1650 units background gas and no flare, 3,100 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 10 to 15 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 100'
20:00	20:30	Relog F/ 13,186' to 13,198
20:30	00:00	Drill 8.75" Lateral with RSS from 13,198' to 13,312' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 1650 units background gas and no flare, 3,100 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 100'

Report Start Date	Report End Date	24hr Activity Summary
9/2/2014	9/3/2014	Drill F/ 13,312' to 13,13469', Rig serv, Drill F/ 13469' to 13563', Down link, Drill F/ 13563' to 13,847', Rig serv, Drill F/ 13847' to 13934', Clean up cycle.

Start Time	End Time	Comment
00:00	04:30	Drill 8.75" Lateral with RSS from 13,312' to 13,469' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 1650 units background gas and no flare, 3,100 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'
04:30	05:00	Rig service.
05:00	08:00	Drill 8.75" Lateral with RSS from 13,469' to 13,563' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 1650 units background gas and no flare, 3,100 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'
08:00	08:30	Down link.
08:30	17:00	Drill 8.75" Lateral with RSS from 13,563' to 13,847' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 2600 units background gas with 5 to 10' flare, 3,100 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
17:00	17:30	Rig service.
17:30	20:30	Drill 8.75" Lateral with RSS from 13,847' to 13,934' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 2600 units background gas with 5 to 10' flare, 4,000 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'
20:30	00:00	(Stop unplanned) Clean up cycle, Circ to reduce ECD to minumize losses, ECD went from 16.5 to 16.4, Off btm torq went from 9100 to 7300,Back ground gas went from 2600 units to 1657 units no flair,

Report Start Date	Report End Date	24hr Activity Summary
9/3/2014	9/4/2014	Drill F/ 13934' to 14036', Rig serv, Drill F/ 14036' to14295' Rig serv, Drill F/ 14295' to 14414', Clean up cycle, Drill F/ 14414' to 14452,

Start Time	End Time	Comment
00:00	04:30	(Start) Drill 8.75" Lateral with RSS from 13,934' to 14,036' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 2600 units background gas with 5 to 10' Intermittent flare, 4,000 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'
04:30	05:00	Rig Service.
05:00	13:30	Drill 8.75" Lateral with RSS from 14,036' to 14,295' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 2600 units background gas with 5 to 10' Intermittent flare, 4,000 units connection gas and 10 to 20' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'
13:30	14:00	Rig service.
14:00	18:00	Drill 8.75" Lateral with RSS from 14,295' to 14,414' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 3000 units background gas with 5' Intermittent flare, 4,100 units connection gas and 10 to 15' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'
18:00	23:00	(Stop unplanned) Clean up cycle, Circ to reduce ECD to minumize losses, ECD went from 16.6 to 16.3, Off btm torq went from 8753 to 7800, Back ground gas went from 3000 units with Intermittent flair to 1489 units no flair,
23:00	00:00	(Start) Drill 8.75" Lateral with RSS from 14,414' to 14,452' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 3000 units background gas with 5' Intermittent flare, 4,100 units connection gas and 10 to 15' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'

Report Start Date	Report End Date	24hr Activity Summary
9/4/2014	9/5/2014	Drill F/ 14452' to 14508', Rig serv, Drill F/ 14508' to 14875', Clean up cycle,

Start Time	End Time	Comment
00:00	02:00	Drill 8.75" Lateral with RSS from 14,452' to 14,508' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 4000 units background gas with no flare, 4,200 units connection gas and 10 to 15' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb & 3 sx steel seal for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'
02:00	02:30	Rig service.

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
02:30	14:30	Drill 8.75" Lateral with RSS from 14,508' to 14,875' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 4200 units background gas with no flare, 4,800 units connection gas and 15 to 25' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 25# per bbl sweep every 45'
14:30	00:00	(Stop unplanned) Clean up cycle, Circ to reduce ECD to minumize losses, ECD 16.7 down to 16.4 , Off btm torq went from 9753 to 7800, Back ground gas went from 3100 units with Intermittent flair to 2035 units Pump 40 bbl 30# per bbl sweep.

Report Start Date	Report End Date	24hr Activity Summary
9/5/2014	9/6/2014	Clean Up Cycle, Drill f/ 14875' to 14979', Rig Service, Drill f/ 14979' to 15074', Clean Up Cycle, Change Out Rotating Head Rubber, Circ Bottoms Up, Drill f/ 15074' to 15167', Rig Service, Drill f/ 15167' to 15,362'

Start Time	End Time	Comment
00:00	01:00	(Stop unplanned) Clean up cycle, Circ to reduce ECD to minumize losses, ECD 16.7 down to 16.4 , Off btm torq went from 9753 to 7800, Back ground gas went from 3100 units with Intermittent flair to 2035 units Pump 40 bbl 30# per bbl sweep.
01:00	04:00	(Start) Drill 8.75" Lateral with RSS from 14,875' to 14,979' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 3,500 units background gas with no flare, 3,700 units connection gas and 15 to 25' flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 30# per bbl sweep every 45'
04:00	04:30	Rig service.
04:30	07:00	Drill 8.75" Lateral with RSS from 14,979' to 15,074' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 3,700 units background gas with no flare, 3,850 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 30# per bbl sweep every 45'
07:00	09:00	(Stop unplanned) Clean up cycle, Circ to reduce ECD to minumize losses, ECD 16.6 down to16.3 , Off btm torq went from 9753 to 7800, Back ground gas went from 3539 units with Intermittent flair to 2350 units Pump 40 bbl 30# per bbl sweep.
09:00	11:00	(Stop Unplanned) Shut well in and monitor well on choke panel Casing Pressure Started @ 160 psi and decreased to 60 psi C/O Rotating Head Element Opened Choke to check for flow (No Flow) Opened up Annular and shut HCR & Line up Choke Manifold
11:00	13:30	(Stop Unplanned) Circ Btms up to ensure that the gas is out of the well bore Bottoms Up Gas 2200 units of gas and 0 to 30' Intermittent flare
13:30	16:30	(Start) Drill 8.75" Lateral with RSS from 15,074' to 15,167' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 30# per bbl sweep every 45'
16:30	17:00	Rig Service

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
17:00	00:00	Drill 8.75" Lateral with RSS from 15,167' to 15,362' (2 Pumps on the hole at 82 a piece, 377 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 30# per bbl sweep every 45'

Report Start Date	Report End Date	24hr Activity Summary
9/6/2014	9/7/2014	Drill F/ 15362' to 15450', Rig serv, Drill F/ 15450' to 15,774', Change out Swivel Packing, Circ, Drill F/ 15774' to 15922' Survey, Drill F/ 15922' to 15986'.

Start Time	End Time	Comment
00:00	02:30	Drill 8.75" Lateral with RSS from 15,362' to 15,450' (2 Pumps on the hole at 87 a piece, 400 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 30# per bbl sweep every 45'
02:30	03:00	Rig service.
03:00	14:00	Drill 8.75" Lateral with RSS from 15,450' to 15,774' (2 Pumps on the hole at 87 a piece, 400 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 20 bbl 30# per bbl sweep as needed.
14:00	16:00	(Stop Unplanned) Shut well in and install TIW valve and Drill String Float was not holding shut Tiw Valve & monitor well on choke panel Casing Pressure Started @ 20 psi and decreased to 0 psi C/O Swivel Packing. Opened Choke to check for flow (No Flow) Opened up Annular and shut HCR & Line up Choke Manifold
16:00	17:30	(Stop Unplanned) Circ Btms up to ensure that the gas is out of the well bore Bottoms Up Gas 2200 units of gas and 0 to 30' Intermittent flare, Rig service.
17:30	21:30	Drill 8.75" Lateral with RSS from 15,774' to 15,922' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.
21:30	22:00	Survey.
22:00	00:00	Drill 8.75" Lateral with RSS from 15,922' to 15,986' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.

Report Start Date	Report End Date	24hr Activity Summary
9/7/2014	9/8/2014	Drill F/ 15986' to 16036', Trouble shoot LWD, Drill F/ 16036' to 16112', R S, Drill F/ 16112' -16301', Clean Up Cycle, Drill f/ 16301' - 16395', Rig Service, Drill f/ 16395' - 16415', work on pumps, Drill F/ 16415' to 16570

Start Time	End Time	Comment
00:00	01:30	Drill 8.75" Lateral with RSS from 15,986' to 16,036' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
01:30	02:00	(Stop unplanned) Trouble shoot LWD.
02:00	04:00	(Start) Drill 8.75" Lateral with RSS from 16,036' to 16,112' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.
04:00	04:30	Rig service.
04:30	11:00	Drill 8.75" Lateral with RSS from 16,112' to 16,301' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.
11:00	13:00	(Stop unplanned) Clean up cycle, Circ to reduce ECD to minumize losses, ECD 16.8 down to 16.4 , Off btm torq went from 10158 to 8750, Bottoms up Gas Units 2035, 0-30 foot flair on bottoms up. Pump 40 bbl 30# per bbl sweep.
13:00	16:00	(Start) Drill 8.75" Lateral with RSS from 16,301' to 16,395' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.
16:00	16:30	Rig Service
16:30	17:00	Drill 8.75" Lateral with RSS from 16,395' to 16,515' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 645 units background gas with no flare, 2095 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 15 to 20 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.
17:00	19:30	(Stop unplanned) Shut in well due to 2000 psi pressure lose insect surface equ for possible cause, Go through both pumps for repairs no repairs where need, G through both pop off's pop off where good pumps back on hole W/ all drilling prussure back.
19:30	00:00	(Start) Drill 8.75" Lateral with RSS from 16,515' to 16,570' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 900 units background gas with no flare, 2020 units connection gas and 0 to 30' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 5 to 10 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.

Report Start Date	Report End Date	24hr Activity Summary
9/8/2014	9/9/2014	Drill F/ 16570' to 16678', Rig serv, Drill F/ 16678' to 16747',Trouble shoot RSS, Circ Btms Up x3,Check For Flow Well was Flowing, Circ Gas out of well bore, Flow Check, Circ Gas out of Well Bore, Circulate and raise LCm Content to 15 ppb,and raise Mwt to 16 ppg,

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
00:00	03:00	Drill 8.75" Lateral with RSS from 16,570' to 16,678' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 900 units background gas with no flare, 2020 units connection gas and 0 to 20' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 5 to 10 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.
03:00	03:30	Rig service.
03:30	05:30	(Start) Drill 8.75" Lateral with RSS from 16,678' to 16,747' (2 Pumps on the hole at 82 a piece, 375 GPM) Circulating through gas buster with continuous 900 units background gas with no flare, 2020 units connection gas and 0 to 20' Intermittent flare, Present MW 15.6 ppg. (Mixing 6sx Vanguard 3 sx Nut plug 5 sx Bara Carb,3 sx steel seal & 2sx of Magma Fiber, for seepage hole between 5 to 10 bbls pr hr) Pumping 30 bbl 30# per bbl sweep as needed.
05:30	06:30	(Stop Unplanned) Trouble Shoot RSS and found that the hydraulic system had failed in the steering unit.
06:30	11:30	Circulate 3 bottoms up and rotate drill string @ 120 rpms and 377 gpm to clean up well bore.
11:30	12:00	Conduct flow check (Well was flowing 10 bbls per min = 44 bbl gain in 4.5 min)
12:00	13:30	Circ Btms up to ensure that the gas is out of the well bore Bottoms Up Gas 1904 units of gas and 0 to 30' Intermittent flare,
13:30	14:00	Conduct a 20 min flow check (Well was flowing 5.1 bbls per min = 51 bbl gain in the first10 min and the Well contiuned to flow 1 bbls per min = 10 bbl gain in the second 10 min)
14:00	15:30	Circ Btms up to ensure that the gas is out of the well bore Bottoms Up Gas 2000 units of gas and a steady 15' to 30' flare for 10 to15 min then 0 to 30' Intermittent flare,
15:30	00:00	Circulate well bore and bring lcm percentage up to 15 ppb in the active system and well bore pull shaker screens and also raise the mud weight f/ 15.6 ppg to 16.0 ppg (lcm additives, 200 sx of Van Guard, 150 sx Steel Seal, 126 sx of Baracarb150, &112 sx of Bara Carb 50)

Report Start Date	Report End Date	24hr Activity Summary
9/9/2014	9/10/2014	Circ & Bring mud wt up for trip, Flow check, Circ bring mud wt up, Rig serv, Continue circ & bringing mud wt up,

Start Time	End Time	Comment
00:00	02:30	Circulate well bore and bring lcm percentage up to 15 ppb in the active system and well bore pull shaker screens and also raise the mud weight f/ 15.6 ppg to 15.9 ppg.
02:30	03:00	Conduct flow check (Well was flowing 28.5 bbls hr after 30 min)
03:00	05:30	Continue circulating and raising the mud weight f/ 15.9 ppg to 16 ppg.
05:30	06:00	Rig service.
06:00	08:00	Continue circulating and raising the mud weight f/ 15.9 ppg to 16 ppg.
08:00	09:00	Conduct flow check (Well was flowing 6.6 gals per min = 9.4 bbl per hr)
09:00	15:00	Circulate well bore & Bring gas out & bring lcm percentage up to 20 ppb in the active system also raise the mud weight f/ 16.0 ppg to 16.1 ppg. (Bottoms Up Gas 1141 units of gas and No flare)

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
15:00	16:00	Conduct flow check (Well was flowing 6.4 gals per min = 9.2 bbl per hr)
16:00	00:00	Circ Btms up @ 59 spm = 132 gpm & 63 rpm. Circ bottoms up to ensure that the gas is out of the well bore Bottoms Up Gas 1200 units of gas & bring lcm percentage up to 25 ppb in the active system also raise the mud weight f/ 16.1 ppg to 16.2 ppg. & Bring LCM percentage F/ 25 ppb to 30 ppb.

Report Start Date	Report End Date	24hr Activity Summary
9/10/2014	9/11/2014	Continue circ & bringing mud wt up,Rig Srvice,Continue circ & bringing mud wt up, Conduct Flow Check,Rig Service, Cont to Circ and Add lube to the mud system, Back Ream Out of the hole, Circ btms up,

Start Time	End Time	Comment
00:00	05:30	Circ @ 59 spm = 132 gpm & 63 rpm. Bring lcm percentage up to 30 ppb in the active system also raise the mud weight f/ 16.2 ppg to 16.3 ppg.
05:30	06:00	Rig service.
06:00	08:00	Continue Circ @ 59 spm = 132 gpm & 56 rpm. Bring lcm percentage up to 35 ppb in the active system also raise the mud weight f/ 16.2 ppg to 16.3 ppg.
08:00	09:30	Conduct flow check (Well was flowing 4.4 bbl per hr)
09:30	10:00	Rig service.
10:00	12:30	Continue Circ @ 59 spm = 132 gpm & 56 rpm. Add 2% lube to the mud system. Mud Weight 16.3 ppg & Lcm 35 ppb.
12:30	20:00	(Start) Unplanned, Back ream out of hole F/ 16,500' to 14,259' (Monitor Well for gains and losses while Back Reaming out of the Hole) Bottoms Up BGG 2054
20:00	23:30	Circ Btms up @ 60 spm = 132 gpm & 63 rpm. Circ bottoms up to ensure that the gas is out of the well bore Bottoms Up Gas 1330 units of gas
23:30	00:00	Conduct Flow Check Well Flowing + 50 bbl per hr.

Report Start Date	Report End Date	24hr Activity Summary
9/11/2014	9/12/2014	Flow Check flowing 2.1 bbls per hr, Cont to back ream f/ 14259' to 13693', Rig Service,Cont to back ream f/ 13693' to 10988', Circ Gas out of Well, Wash to Btm. F/ 10,825 to 13,248'

Start Time	End Time	Comment
00:00	02:30	Conduct flow check (Well was flowing @ 57 bbl/hr decreased to 2.1 bbl per hr)
02:30	04:00	Cont. Back ream out of hole F/ 14259' to 13,693' (Monitor Well for gains and losses while Back Reaming out of the Hole)
04:00	04:30	Rig Service
04:30	10:30	Cont. Back ream out of hole F/ 13693' to 10988' (Monitor Well for gains and losses while Back Reaming out of the Hole) Back Ground Gas Increased to 1100 units
10:30	18:00	Circ Btms up to ensure that the gas is out of the well bore. Bottoms Up Gas 1850 units of gas and 0 to 5' Intermittent flare, Mud Wt Gas Cut Between 15+ ppg to 15.8 ppg Cont to circ and get the mwt balanced out & prepare to Trip back to bottom and Raise MWT. MW 16.3 in and 1613 Out Gas units at 1300.

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
18:00	21:00	Circ Btms up to ensure that the gas is out of the well bore. Bottoms Up Gas 1850 units of gas and 0 to 5' Intermittent flare, Mud Wt Gas Cut Between 15+ ppg to 15.8 ppg Cont to circ and get the mwt balanced out & prepare to Trip back to bottom and Raise MWT. MW 16.3 in and 1613 Out Gas units at 1300.
21:00	00:00	Trip in the hole with pump @ 60 strokes no rotation F/ 10,825 to 13248 MW in & Out 16.3 Background Gas + - 620

Report Start Date	Report End Date	24hr Activity Summary
9/12/2014	9/13/2014	Wash Stands in hole to 15167',Circ Btms up, Cont to Circ btms w/ pump truck, Rig Service, Cont to Circ btms w/ pump truck Switch back to rig pump and raise lcm to 40 ppb and mwt to 16.4 ppg

Start Time	End Time	Comment
00:00	02:30	Trip in the hole with pump @ 60 strokes and rotate @ 20 rpm F/ 13248 to 15,167 MW in & Out 16.1 Mud Gas Cut .2 Background Gas 1056
02:30	04:00	Circulate Btms Up to clean hole @ 15,167' MW cut to 15.8 Pump Pressure up F/700 psi to 1200 psi losing mud @ + - 1 BPM
04:00	05:30	Hold Safety Meeting With Halliburton, Hook up Pump Truck, Pressure Test and Circulate @ 1 BPM
05:30	06:00	Rig Service
06:00	20:00	Cont to Circ w/ Halliburton Pump Truck @ 1 bpm and stage bpm rate up to 3.5 bpm Switched back to the rig mud pump @ 59 spm = 132 gpm & 45 rpm. & Cont to increase the flow rate slowly. Bring lcm percentage up to 40 ppb in the active system also raise the mud weight f/ 16.3 ppg to16.4 ppg. MW in 16.3 Mud Gas Cut .6 ppg. Bottoms up gas 2702 max Units Avg 1135 units, 0 - 10' intermittent flare. MW now 16.4 In & Out gas 950 Units No gains or losses.
20:00	23:00	Slow Pump to 60 SPM and Pump in Hole F/ 15,167 to 16,747'
23:00	00:00	Circulate Btms up F/ 16,747' Pump Pressure 1155 psi, Gas 535 Units, PVT 555 Lost 31 BLS Mud

Report Start Date	Report End Date	24hr Activity Summary
9/13/2014	9/14/2014	Circ Btms up lost complete returns,Cont to circ w/ halliburton pump truck @ .5 bpm to 1.5 bpm, Rig Service,Cont to circ w/ halliburton pump truck @ .5 bpm to 1.5 bpm & Back ream out of the hole with no returns & raise lcm percentage up to 45 ppb,

Start Time	End Time	Comment
00:00	03:30	Circulate Btms up F/ 16,747' Pump Pressure 1155 psi, Gas 535 Units, PVT 555, Continue to lose mud, losses increased, rigged up halliburton, reduced flow rate to 1 bpm, lost returns reduce flow rate to 1/2 bbl, backream 1 stand out lost total returns.
03:30	05:30	Continue to circulate 1/2 bpm with total losses, build volume and transfer to active system, Backream and rack back stands
05:30	06:00	Rig Service
06:00	00:00	Continue to circulate w/ Halliburton pump truck @ .5 bpm to 1.5 bpm trying to regain returns, build volume and transfer to active system, Back Ream and rack back stands f/ 16747' to 11203', Fill the annuals with 8 to 20 bbls from the trip tank every 10 stands to keep the hole full, Add 12 sacks of lcm every hour to raise the lcm percentage up to 45 ppb

Report Start Date	Report End Date	24hr Activity Summary
9/14/2014	9/15/2014	Continue to circulate and backream out of the hole with halliburton, rig service, rig repair on top drive, Back Ream f/ 10257' to 8484', Rig up wire line,

NEWFIELD

Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
00:00	03:30	Continue to circulate w/ Halliburton pump truck @ .5 bpm to 1.5 bpm trying to regain returns, build volume and transfer to active system, Back Ream and rack back stands f/ 11,203' to 10,257', Fill the annuals with 8 to 20 bbls from the trip tank every 10 stands to keep the hole full, Add 12 sacks of lcm every hour to raise the lcm percentage up to 45 ppb
03:30	04:00	Rig Service
04:00	09:00	Repair Top Drive Brake Calipers & Cont to Circ w/ Halliburton @ 1.5 bpm & Fill the annuals with the trip tank. While Circulating Pump pressure increased to 2000 psi bled pressure off and attempted to pump on the drill string again and pressure increased to 2000 psi bled psi off and monitor well and fill the back side while repairing the Top Drive.
09:00	13:30	Back ream out of the hole f/ 10257' to 8484' with No pump due to the drill string being plugged Contiue to fill the back side with the trip tank.
13:30	17:30	HPJSM w/ DCT Pipe Recovery and rig up wire line, lubricator & pack off to go in the drill pipe and shoot holes in drill pipe to try and regain circulation, rin drill string w/ wire line tagged up on LCM @ 6670', POOH layed down gun,
17:30	18:00	Rig Service
18:00	20:30	Pick up 2 more sinker bars, core bbl, spring jars, ruin in hole with wireline to 6670' and attempt to clear obstruction. WorkedThrough several obstructions and reached 8360'
20:30	00:00	POOH with wire line and lay down tools pick up guns and run back in hole pressure up pipe to 500 psi and perforate pipe @ 8315' 11' above the first Hwdp tool joint, POOH with wireline, rig down wireline.

Report Start Date	Report End Date	24hr Activity Summary
9/15/2014	9/16/2014	Circ w/ Halliburton @ 1.5 bpm & stage up to 3 bpm,Rig down wire line,Cont to Circ w/ Rig pumps, Rig Service,Cont to Circ bottoms up,Conduct Flow Check well was flowing @ 2.5 bbl per hr in 150 min than increased up to 4 bbls per hr in 10 min, Circ bottoms up MWT was gas cut 15.7 ppg = .7 ppg cut balanced mwt to 16.4, Conduct Flow check well was flowing @ .8 bbl per hr in 180 mins than increase to 1.2 bbls per hr.

Start Time	End Time	Comment
00:00	02:00	Circulate w/ halliburton @ 1.5 bbpm got full returns and staged pump truck up to 3 bpm,
02:00	02:30	HPJSM/ W DCT And Rig Down Wire Line
02:30	05:30	Continue to Circ w/ Rig Pumps staging pumps up f/ 60 spm to 80 spm, ensure that the gas is out of the well bore. Bottoms Up Gas 3279 units of gas, Mud Wt Gas Cut to 16.2 ppg Cont to circ and get the mwt balanced out & Build trip slug & Prep to trip out of hole laying down drill pipe.
05:30	06:00	Rig Service
06:00	07:30	Cont to circ and build trip slug, fill trip tank
07:30	10:00	Conduct flow check (Well was flowing 2.5 bbls hr after 150 min then well Started to increase in flow 15 min = 4 bbls per hr.)
10:00	14:00	Circ w/ Rig Pumps staging pumps up f/ 60 spm to 80 spm, to ensure that the gas is out of the well bore. Bottoms Up Gas 1682 units of gas, Mud Wt Gas Cut to 15.7 ppg Cont to circ and get the mwt balanced out
14:00	19:00	Conduct flow check (Well was flowing 1.75 bbls hr after 120 min

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
19:00	00:00	Circ w/ Rig Pumps@ 60 spm to ensure that the gas is out of the well bore. Bottoms Up Gas 780 units of gas, Mud Wt Gas Cut to 16.3 ppg Cont to circ and Raise MWT f/ 16.4 ppg to 16.5 ppg all around.

Report Start Date	Report End Date	24hr Activity Summary
9/16/2014	9/17/2014	Continue to circulate and raise MW to 16.5 ppg,Pump Slug & L/D Drill Pipe f/ 8484' to 6064',Rig Service, Cont to L/D Drill Pipe f/ 6064' to 1200' , Repair Top Drive,

Start Time	End Time	Comment
00:00	03:00	Continue to circulate and raise MW to 16.5
03:00	05:30	Start (Casing Operations) MW 16.5 all around fill trip, slug pipe and POOH laying down f/ 8484' to 6064' Monitor well on trip tank
05:30	06:00	Rig Service
06:00	10:00	Cont to POOH laying down f/ 6064' to 1200' Monitor well on trip tank
10:00	10:30	Rig Service
10:30	18:30	Repair and replace HYD line on the Top Drive
18:30	20:30	Cont to POOH to the BHA
20:30	22:30	POOH lay down BHA
22:30	23:00	Pull Wear Bushing
23:00	23:30	Clean rig floor and prep for rig up and running casing
23:30	00:00	Hold pre-Job Safety Meeting with Rig Crew and Casing Crews

Report Start Date	Report End Date	24hr Activity Summary
9/17/2014	9/18/2014	HPJSM Rig up to run Casing,Run 5.5'' Production Casing,Circ Btms Up, Run casing to 14080', wash and ream casing f/ 14080' to 14103' w/ Halliburton pump truck

Start Time	End Time	Comment
00:00	01:30	HPSM Rig up Casing Equipment to run 5 1/2" Production Casing
01:30	13:30	Make Up Float shoe and Float And test Floats. Floats Held, Run 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep. Run casing F/ surface to 9409', 1- Float shoe, 1 jts csg, 1 Float collar, 1 jt csg, 1 Landing collar, 2 jts csg, 1 RSI 63 full jts csg, 1 marker jt, 130 full jts,1 marker jt, 29 full joints, Filling pipe every 3000'.
13:30	16:30	Circulate BU @ w/ rig pumps @ 9409',@ 3.5 bpm,
16:30	00:00	Continue to Run 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep. Run casing F/ surface to14,080', 1- Float shoe, 1 jts csg, 1 Float collar, 1 jt csg, 1 Landing collar, 2 jts csg, 1 RSI 63 full jts csg, 1 marker jt, 130 full jts,1 marker jt, 141 full joints, Filling pipe every 3000'.

Report Start Date	Report End Date	24hr Activity Summary
9/18/2014	9/19/2014	Continue to wash & Ream Casing f/ 14103' to 14146' Run casing f/ 14146 to 16741', Waiting on cement,

Start Time	End Time	Comment
00:00	04:30	Continue to Run 5.5", 20# P-110 XP BTC casing. Make casing up @ 15 RPM'S Per Deep Well thread rep. Run casing F/ surface to16741', 1- Float shoe, 1 jts csg, 1 Float collar, 1 jt csg, 1 Landing collar, 2 jts csg, 1 RSI 59 full jts csg, 1 marker jt, 131 full jts,1 marker jt, 206 full joints, Filling pipe every 1000'. Wash & Ream Casing f/ 14103' to 14146'

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
04:30	05:30	P/U & M/U Landing Joint and casing hanger & Install Rotating Head Landed casing with 190 K
05:30	06:00	Rig Service
06:00	07:00	HPJSM w/ Fanks & Rig down Casing Crew and P/U & M/U Rotate Cementing Head & Rotate @ 10 RPMS, and every 10 to 15 mins pump 6 to 10 bbls w/ halliburton pump truck @ 1 bpm
07:00	00:00	Wait on Halliburton Cementers and Cement to be blended, Loaded, and hauled to Location, Pumping 1 bbls every 15 min down the casing with Halliburton, Rotating string with top drive @ 5 RPMS, Circ trip tank W/ OBM over the back to keep hole full & Monitor losses @ 7 BPH, Fill trip tank with diesel fuel and circ over backside monitor losses losses slowed F/ 5 bph to 0. Rotating string 5 rpms when pumping 1 bbl OBM every 15 min. At 16:00 rotating at 5 RPMS steady. Started displacing casing with clean mud pumping with Halliburton @ 1 bpm

Report Start Date	Report End Date	24hr Activity Summary
9/19/2014	9/20/2014	Displace Csg with clean mud while waiting on cement, started pumping 1/2 bbl mud every 15 min while waiting on Halliburton. Rig serv, Held safety mtg, Cement 5.5" csg. Land csg mandrel, R/D Halliburton, Break Attempt to break Out of Landing Join.t Rig down tongs and wait for wireline truck to set retrieveable bridge plug.

Start Time	End Time	Comment
00:00	05:30	Displace Csg with clean mud while waiting on cement pumping 1 bpm with halliburton gained 27 bbls then hole staying full on backsideAfter displacing casing revert to pumping 1 bbl every 15 min. added 25 gal Bio-Cide ToTreated Produced Water.
05:30	06:00	Rig Service.
06:00	12:00	Circ with diesel fuel over backside monitor losses, Rotating string 5 rpms pumping 1 bbl every 15 min. At 07:00 started pumping 1/2 bbl mud every 15 min, Started rigging up Halliburton @ 07:00
12:00	12:30	Rig service.
12:30	13:00	Held safety meeting with Halliburton & Rig crew.
13:00	19:00	(Start) Cementing Operations... Cement 5.5" Casing As Follows. Pressure test lines to 8000 psi, Pump 40 bbls of tuned spacer III @ 16.6 ppg @ 4 BPM,, drop bottom plug @ 16.6 ppg @ 4 BPM, mix and pump 321 bbls of Tergo Vis (1015 sks) 16.6 ppg, mix and pump 506 bbls of tail cement (2105 sks) 16.8 ppg 1.35 yeild,4.76 gal / sk, Shut down drop plug pump 10 bbls of mmcr + freshwater @ 4 BPM, pump368 bbls of KCL+Biocide displacment final pump rate 4 BPM, final circulating pressure 4615 psi, bumped plug with5211 psi , 8.5 bbl flow back, floats held, During cmt job rotated casing @ 10 RPM torq started out at 6,100# and Shut down drop plug start pumping again & rotating torq at end of job 16,595#.
19:00	22:00	Land Casing Mandral hanger with 75k in the wellhead and Rig down haliburton cementers, Franks cement head,
22:00	00:00	(Start) HPJSM w/ Cameron & Rig Crews, attempt to Break Out of Landing Joint with Franks power tongs and rig floor tongs could not landing mandrel turning in 9 5/8" pack off, Rig down power tongs, Arranged for wireline to set retrieveable bridge plug. as of midnight waiting on wireline.
00:00	00:00	
00:00	00:00	

Report Start Date	Report End Date	24hr Activity Summary
9/20/2014	9/21/2014	Wait on wireline truck, Rig up wireline truck, Rig serv, Run gauge ring & Junk basket, Run retrievable bridge plug, N/D & Cut landing jt, Install packoff, set stack 4 bolt stack, lay out rotaing head, Cleaning mud pits, LDDP,

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Summary Rig Activity

Well Name: Accawinna 13-22-15-3-2W-MW

Start Time	End Time	Comment
00:00	04:00	(Stop unplaned) Wait on Wireline truck to set retrieveable Bridge plug
04:00	05:30	Held safety meeting, rig up wireline
05:30	06:00	Rig Service
06:00	08:30	Run gauge ring & Junk basket to 6049' & Run retrievable bridge plug set @ 6019' and rig down JWwireline. Started cleaning mud pits @ 07:00.
08:30	16:00	Held safety mtg W/ Walker nipple down crew R/D catch can unhook koomey lines, Turn and 4 bolt rotaing head, R/U winches nipple down bop & Lift bops with winches & Cut landing and lay down, Install packoff set stack down 4 bolt tight, R/D nipple down crew, lay out rotating head for repairs. Cleaning mud pits.
16:00	16:30	Rig service.
16:30	23:30	(Start) Lay down DP out of derrick out of the mouse hole. Cleaning mud pits.
23:30	00:00	Service Rig

Report Start Date	Report End Date	24hr Activity Summary
9/21/2014	9/21/2014	Clean Tanks lay down drill pipe

Start Time	End Time	Comment
00:00	06:00	Finish laying down drill pipe (Release Rig @ 06:00 9/21/2014)